

Calendar

Sept 1959 - Dec 1960



WEEK OF

Sept. 13-19, 1959

WEEK OF

Sept. 13-19, 1959

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, September 13

- 9:30 a.m. Orientation Week Sunday School (Inter-denominational). Page Auditorium. Speaker: John Dozier, Secretary to the University.
- 10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "The Truth, in Love." Broadcast over Radio Station WDNC and WDNC-FM.
- 3:30-5:30 p.m. President's Reception honoring new students. 2138 Myrtle Drive.
- 7:15 p.m. Vesper Service under the auspices of the Y.W.C.A. and Y.M.C.A. Woman's College Auditorium. Speaker: Dr. James L. Price, Chairman of the Undergraduate Department of Religion.

Monday, September 14

Registration and Matriculation of all students of Trinity College, the Woman's College, and the College of Engineering who have not pre-registered.

- 9:00 a.m. The final examination of Mr. James Floyd White for the Ph.D. degree in Religion. Conference Room of the Library.
- 12:00 m. Divinity School Luncheon honoring new faculty and staff. Old Trinity Room.
- 2:00 p.m. Divinity School Orientation for new students. Room 211, Divinity School.

- 4:00 p.m. Divinity School faculty meeting. Library Conference Room, Main Library.

- 8:00 p.m. Divinity School Reception for new students. Union Ballroom.

Tuesday, September 15

- 9:00 a.m.-1:00 p.m. Divinity School Registration. Divinity School Library Reading Room.
- 2:00-5:00 p.m. Divinity School Registration. Divinity School Library Reading Room.

Wednesday, September 16

- 9:00 a.m.-1:00 p.m. Divinity School Registration. Divinity School Library Reading Room.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 p.m. Quadrangle Pictures. Page Auditorium. "Private's Progress"—Richard Attenborough, Dennis Price, Terry Thomas, Ian Carmichael. The hilarious picture about a gold-bricker who almost wrecked the British Army. "The funniest movie of the year."—N.Y. Herald Tribune. Note: There will be only one showing of the film, which is a complimentary performance for the Freshman Class. The box office will be opened at 6:30 p.m. for regular patrons.
- 9:00-10:00 p.m. Student Union Open House for all Freshmen. Flowers Building.

Thursday, September 17

- 8:10 a.m. Fall Classes begin.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 10:10 a.m. Formal Opening of the Divinity School. York Chapel. Worship and Sermon: Professor Stuart C. Henry.
- 11:20 a.m. Flag-raising Ceremony marking the official opening of the academic year, 1959-'60. Flag-pole in front of Allen Building.
- 4:30-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.

Friday, September 18

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dean Robert E. Cushman.
- 4:30-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 7:30 p.m. Church Night for all new students (men and women). Local churches and religious centers.
- 8:00 p.m. Ceremony of "Moving-Up" and "Presentation of Caps" for School of Nursing. Page Auditorium.

Saturday, September 19

- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Me and the Colonel" with Danny Kaye, Curt Jurgen, Francoise Rosay, and Akim Tamiroff. A thoroughly delightful film, witty yet thought provoking, from the play, "Jacobowsky and the Colonel" by Franz Werfel.
- 8:00 p.m. Varsity Football Game. Duke versus University of South Carolina. Columbia, South Carolina.
- 9:00 p.m. Freshman YMCA and YWCA Dance. Card Gymnasium.

THE UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday morning, September 13th, at 11:00 o'clock in the University Chapel. His subject will be "The Truth, in Love." The order of service follows:

- The Reverend Robert P. Hyatt, Associate Director of Religious Life, Presiding Minister
Prelude—Choral Prelude: "O Guiltless Lamb of God" *Pachelbel*
Call to Worship—"The Lord Is in His Holy Temple" *Harrington*
Hymn—"God of Our Fathers" *Warren*
Prayer of Confession
Words of Forgiveness
The Lord's Prayer
Anthem—"Thou All Transcendent Diety" *Palestrina*
Scripture Lesson—Galatians 4: 1-7, 11-15
Hymn—"Spirit of Life, in This New Dawn" *H. Percy Smith*
A Litany for Freshman Sunday
The Offering
Anthem—"How Excellent Is Thy Name, O Lord" *Handel*
Response—The Doxology
Prayer of Dedication

Sermon—"The Truth, in Love"
Benediction
Choral Response—"Sevenfold Amen"
Postlude—"Psalm XX"

Stainer
Marcello

CARILLON RECITALS

Carillon recitals by Geoffrey Simon, Student Carillonneur, will be presented Monday through Friday afternoons from 4:50 until 5:00 o'clock and on Sunday morning from 10:35 until 10:45 a.m.

VESPERS

Joint vesper services sponsored by the Y.W.C.A. and Y.M.C.A. will be conducted in Woman's College Auditorium on Sunday evening, September 13th at 7:15 p.m. The speaker will be Dr. James L. Price, Chairman of the Undergraduate Department of Religion.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James Floyd White for the Ph.D. degree in Religion will be held on Monday, September 14th, in the Conference Room of the Library at 9:00 a.m. The subject of Mr. White's dissertation is "The Cambridge Camden Society and the Medieval Revival in the Church of England During the Nineteenth Century." The committee to conduct the examination will consist of Professors Ray C. Petry, Waldo Beach, James L. Price, H. Shelton Smith, and Richard L. Watson. Professor Petry will preside.

FLAG RAISING EXERCISES

The traditional flag raising exercises in connection with the opening of the Woman's College will be at 12:30 o'clock on Wednesday, September 16th, beginning in the auditorium followed by a service in the East Duke Court.

On Thursday, September 17th, at 11:20 a.m. the flag raising ceremony marking the official opening of Trinity College will take place in front of Allen Building.

CHAPEL CHOIR REHEARSAL

The first regularly scheduled choir rehearsal of the new academic year will be held in the University Chapel on Wednesday evening, September 16th at 7:00 p.m. All summer members are cordially invited to attend.

Tryouts for the Chapel Choir, Men's Glee Club, Women's Glee Club, Men's Chorus and Women's Chorus will be held from September 14th through September 18th. Please call extension 3898 or report to 210 Flowers Building for an appointment.

SCHOOL OF NURSING PROGRAM

The program for "Moving-Up" of students in the School of Nursing and the "Presentation of Caps" to the Sophomore students of the School of Nursing will be held on Friday, September 18th, at 8:00 p.m. in Page Auditorium. Members of the University Community are invited to attend.

CHURCH NIGHT

Church Night for Protestant students will be on Friday evening, September 18th. This evening's entertainments are an opportunity for the students to become acquainted with the local churches and for these churches to welcome the students.

The various groups will meet at the following places:

The Baptist Student Union:

Progressive Supper at Lakewood, Watts Street, Temple, First, and Greystone Baptist Churches.

5:15 p.m. Leave front of Chapel on West.

5:15 p.m. Leave Hanes House.

5:30 p.m. Leave East Campus Traffic Circle.

The Episcopal Student Fellowship:

7:30 pm. Episcopal Student Center. Leave from East Campus Bus Stop by private cars. Leave West Campus Bus Stop by private cars.

The Lutheran Student Association:

Student Social Activity followed by visits to local Lutheran Churches. Meet at East Campus Circle and Chapel on West Campus. Transportation will be provided.

The Methodist Student Fellowship:

7:00 p.m. Meet at the parking lot between East Duke and Aycock Building on East Campus and in front of Chapel on West Campus.

7:30 p.m. Methodist Student Center.

The Westminster Fellowship:

6:30 p.m. Meet at East Campus Circle. Transportation will be provided.

7:00 p.m. First Presbyterian Church.

United Student Fellowship:

7:30 p.m. Congregational Christian Church, Corner of Main at Gregson Street.

NOTES ON REGISTRATION

Monday, September 14th, 10:00 a.m.-12:00 noon, East Campus Gymnasium. Conferences on courses of study and course card writing for all Woman's College O.S.R.'s, transfers, and special degree students. Departmental representatives will be notified by telephone.

Monday, September 14th, 2:00-4:00 p.m., Indoor Stadium, Conferences on courses of study and course card writing for all Trinity College O.S.R.'s and transfer students. Departments requested to send representatives to this phase of registration will be notified by telephone. (Freshman course card writing will take place on Monday, but will be handled by special Freshman advisors on an individual appointment basis.)

Tuesday, September 15th, 8:30 a.m. to 12:30 p.m., Indoor Stadium, Class sectioning of all Trinity and Engineering freshmen. Sectioning done by alphabetical groups which report at one-half hour intervals. Beginning at 9:30 a.m., Trinity O.S.R.'s and transfers will be sectioned on the same basis. All departments need to be represented.

Tuesday, September 15th, 2:00 p.m.-5:00 p.m., Woman's College Gymnasium, Class sectioning of all Woman's College freshmen, transfers, O.S.R.'s, and also School of Nursing Freshmen. Sectioning is scheduled by alphabetical groups which report at one-half hour intervals. All departments need to be represented.

Wednesday, September 16th, 9:00 a.m.-12:00 noon and 2:00-3:30 p.m., Indoor Stadium for Trinity College, the Woman's College (only those making course changes), the College of Engineering, and the Graduate School, Registration of only the pre-enrolled students. The departmental representatives are concerned only with those pre-registered students who are making changes in their schedules. No registration of late O.S.R.'s, transfers, or new students will be undertaken on this date. All departments must be represented at the registration in the Indoor Stadium.

LIBRARY SCHEDULES

Schedules for September 14th, 15th, and 16th:

General Library

8:30 a.m.- 4:30 p.m.

Woman's College Library

8:30 a.m.- 4:30 p.m.

Schedules effective September 17th:

General Library

Mondays-Fridays 8:00 a.m.-11:00 p.m.

Saturdays 8:00 a.m.- 6:00 p.m.

Sundays 2:00 p.m.- 6:00 p.m.

(The Undergraduate Reading Room will be open on Sundays from 7:00 to 11:00 p.m. in addition to the above schedule.)

Woman's College Library

Mondays-Fridays 8:00 a.m.-10:00 p.m.

Saturdays 8:00 a.m.- 6:00 p.m.

Sundays 2:00 p.m.-10:00 p.m.

Any deviations from the above schedules by school and departmental libraries will be posted in those libraries.

DUKE UNIVERSITY FOOTBALL SCHEDULE 1959 SEASON

Date	Opponent	Place
Sept. 19	University of South Carolina	Columbia
Sept. 26	Ohio State	Columbus
Oct. 3	Rice Institute	Durham
Oct. 10	University of Pittsburgh	Pittsburgh
Oct. 17	Army (Homecoming)	Durham
Oct. 24	North Carolina State College	Raleigh
Oct. 31	Georgia Tech	Atlanta
Nov. 7	Clemson College	Clemson
Nov. 14	Wake Forest College	Durham
Nov. 26	University of North Carolina	Durham

INFORMATION REGARDING PRICES AND ORDERS FOR TICKETS

Game	Admission (Including Tax)	Time of Kick-Off
University of South Carolina	\$4.65	8:00 P.M.
Ohio State	4.00	1:30 P.M.
Rice Institute	4.50	2:00 P.M.
University of Pittsburgh	4.00	1:30 P.M.
Army	4.50	2:00 P.M.
North Carolina State College	4.00	1:30 P.M.
Georgia Tech	5.00	2:00 P.M.
Clemson College	4.50	2:00 P.M.
Wake Forest College	4.50	2:00 P.M.
University of North Carolina	4.50	2:30 P.M.

1959-'60 ALL-STAR ARTISTS' SERIES

Season tickets priced at \$8.00 and \$9.00 are available in 202-A Flowers Building. A check payable to Artists' Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 9011, extension 2911 for further information. The 1959-'60 Series is as follows:

THE NATIONAL SYMPHONY ORCHESTRA WITH PHILLIPPE ENTREMONT, PIANO SOLOIST	Thursday, November 5
ISAAC STERN, VIOLINIST	Tuesday, December 15
ROBERTO IGLESIAS BALLET ESPANOL	Friday, February 5
GERARD SOUZAY, BARITONE	Tuesday, February 16
THE ROBERT SHAW CHORALE AND ORCHESTRA	Thursday, March 3

THE GOTHIC BOOKSHOP

Located in the foyer of Page Auditorium, the Gothic Bookshop is opened weekdays from 9:00 a.m. to 5:00 p.m.; on Wednesdays from 9:00 a.m. until 9:00 p.m.; on Saturdays from 9:00 a.m. until noon.

Under the management of a well-known bookman, Mr. Jeremy North, the Gothic Bookshop offers a wide selection in books and in prints and paintings. Members of the University Community are invited to acquaint themselves with this spot on Campus.

SOUTHERN FELLOWSHIPS FUND

The Southern Fellowships Fund has announced its program for:

1. Faculty Fellowships for Advanced Study and Research for 1960-61;
2. College Teaching Career Fellowships for 1960-61; and
3. Grants-in-Aid for Research for the Summer of 1960.

Details are available in 220 Allen Building.

FORD FOUNDATION FELLOWSHIPS

The Ford Foundation has announced that it is accepting applications for fellowships during the 1960-61 academic year involving scholarly training related to Asia, the Near East, the Soviet Union, Eastern Europe, and Africa. Deadline for submission of applications is November 1, 1959. Details are available in Room 220, Allen Building.

AMERICAN COUNCIL OF LEARNED SOCIETIES

The American Council of Learned Societies has announced Fellowships and Grants-in-Aid for research in the humanities for the year 1960-61. The deadlines for applications are September 15 and October 15, 1959. Details are available in Room 220, Allen Building.

FULBRIGHT AWARDS

The Conference Board of Associated Research Councils has announced awards for 1960-61 in Europe, the Near East, the Far East, and Africa. The deadline for applications is October 1, 1959. Details are available in Allen Building, Room 220.

DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will begin its 11th season under the direction of Dr. Paul R. Bryan, Jr. on Monday, September 21st, at 8:00 p.m. in the Music Room of the Durham High School.

The Choral Society, a non-profit organization, is open to all adult residents of Durham and vicinity. Members of the Duke University Community are invited to participate in the group's activities which consists of each Monday night rehearsals culminating in concerts given twice a year, during the Christmas and Easter seasons. The first concert will be devoted to the music of J. S. Bach.

Auditions will be held each Monday night during September in the Music Room of the Durham High School immediately following the regular rehearsal.

Dr. David Bradley will head the Society as President during the coming year.

DINING HALLS SCHEDULE

MEN'S DINING HALLS

CAFETERIAS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:00-9:30	Breakfast 8:30-11:00
Lunch 11:00-2:00	Lunch 11:30-2:00
Dinner 5:00-7:00	Dinner 5:00-7:00
SNACK BAR 9:30-11:00	"C" GRILL 11:30 a.m.-2:00 5:00 p.m.-7:00

OAK ROOM

11:30-2:00 5:00-7:00

WOMAN'S COLLEGE DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:15-8:45	Breakfast 8:30-9:30
Lunch 11:15-1:30	Lunch 11:30-1:30
Dinner 5:00-6:30	Dinner 5:00-6:15

GRADUATE CENTER

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:15-9:30	Breakfast 8:30-11:00
Lunch 11:30-1:30	Bar only
Dinner 5:00-6:30	

COFFEE LOUNGE

11:30 a.m.-11:00 p.m.

WEEKLY CALENDAR INFORMATION

This is the first issue of the weekly Calendar of Duke University for the academic year 1959-1960. Hereafter, the Calendar will appear every Saturday morning.

Members of the faculty and staff are requested to have notices for publication in the Calendar in Room 202-A Flowers Building, West Campus, not later than 1:00 p.m. on Thursday. This is absolutely necessary in order that the Calendar may be handled by the printers and be ready for distribution early Saturday morning.

To circumvent possible errors it is requested that notices be submitted in typewritten form.

WEEK OF

Sept. 20-26, 1959

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CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, September 20

- 9:30 a.m. Baptist Sunday School. Local Baptist Churches.
- 9:30 a.m. Episcopal Service of Holy Communion. Episcopal Student Center.
- 9:30 a.m. Methodist Sunday School Classes. Methodist Student Center.
- 9:30 a.m. Presbyterian Bible Class. Room 208, Flowers Building.
- 9:45 a.m. Lutheran Sunday School. Local Lutheran Churches.
- 10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Waldo Beach. Sermon: "Where's Your Home?" Broadcast over Radio Station WDNC and WDNC-FM.
- 1:30 p.m. Duke Christian Fellowship. Room 201, East Duke Building. Speaker: Mr. B. Harding.
- 6:30 p.m. Denominational Meetings. See special notice.

Monday, September 21

- 4:00-8:00 p.m. Christian Life Orientation Retreat.

Tuesday, September 22

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dean Robert E. Cushman.
- 4:30-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

Wednesday, September 23

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dean Robert E. Cushman.
- 4:00 p.m. Botany Seminar. Room 123, Science Building. Speaker: Dr. Kjeld Holmen.
- 5:30 p.m. Cabot Society Meeting. Men's Graduate Center. Speaker: Dr. Eugene A. Stead, Jr.
- 6:00 p.m. Methodist Service of Holy Communion. Methodist Student Center.
- 6:30 p.m. Baptist Student Union Forum. East Duke Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:07 p.m. Quadrangle Pictures. Page Auditorium. "A Tale of Two Cities" with Dirk Bogarde, Dorothy Tutin, and Cecil Parker. A J. Arthur Rank Production of the interesting and absorbing Charles Dickens Classic.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 206, Phillips Hall, University of North Carolina, Chapel Hill. Speaker: Dr. John Gibbons.

Thursday, September 24

- 8:00 a.m. Episcopal Service of Holy Communion. Episcopal Student Center.
- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. William R. Jennings.
- 4:30-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.

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7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
8:00 p.m. Annual Divinity School Student-Faculty Reception. University House.

Friday, September 25

10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. William P. Carlson.
4:30-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.
7:30 p.m. Blanshard Seminar: Room 201, Flowers Building. Organization meeting on Paul Blanshard "American Freedom and Catholic Power."

Saturday, September 26

1:30 p.m. Varsity Football. Duke versus Ohio State. Columbus, Ohio.
7:00 and 9:07 p.m. Quadrangle Pictures. Page Auditorium. "A Tale of Two Cities" with Dirk Bogarde, Dorothy Tutin, and Cecil Parker. A J. Arthur Rank Production of the interesting and absorbing Charles Dickens Classic.

THE UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Waldo Beach, Professor of Christian Ethics in the Divinity School and Director of Graduate Studies in Religion, will deliver the sermon at the University Service of Worship on Sunday morning, September 20th, at 11:00 o'clock in the University Chapel. His subject will be "Where's Your Home?" The order of service follows:

The Reverend Howard C. Wilkison, Chaplain to the University, Presiding Minister
Prelude—Chorale Prelude: "Rhosymedre" Vaughan-Williams
Chorale Prelude: "With Tender Joy" Pepping
Call to Worship—"The Lord Is in His Holy Temple" Harrington
Hymn—"O Worship the King" Haydn
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Cantate Domino" Pitoni
Scripture Lesson—Hebrews 11: 1-10, 13-16
Hymn—"God Is Love" Psalmodia Sacra, Gotha
Call to Prayer
The Pastoral Prayer
The Offering
Offertory Organ Interlude
Anthem—"How Lovely" from "Requiem" Brahms
Response—The Doxology
Prayer of Dedication
Sermon—"Where's Your Home?"
Prayer
Benediction
Choral Response—"Sevenfold Amen" Stainer
The Chimes
Postlude—"Prelude and Fugue in C Minor" Bach

SUNDAY DENOMINATIONAL MEETINGS

The Baptist Student Union: 6:15 p.m. Baptist Training Union.
The Episcopal Student Fellowship: 6:30 p.m. Eve-

ning Prayer and Canterbury Meeting, Episcopal Student Center.

The Methodist Student Fellowship: 6:30 p.m. Evening Program and Worship. Methodist Student Center.

Westminster Fellowship: 6:15 p.m. The Ark, East Campus, Speaker: Rev. Robert Henderson, Pastor of Blacknall Memorial Presbyterian Church.

Lutheran Student Fellowship: 6:30 p.m. Room 208, Flowers Building.

DUKE CHAPEL PREACHING SCHEDULE FALL SEMESTER

September 13—Freshman Sunday—Rev. Howard C. Wilkinson, Chaplain to Duke University
20—Professor Waldo Beach, Duke Divinity School
27—Professor Hugh Anderson, Duke Divinity School
October 4—World-Wide Communion—Professor W. Arthur Kale, Duke Divinity School
11—Chaplain Howard C. Wilkinson
18—Homecoming—Dr. Harry Philpott, Vice-president, University of Florida
25—Professor H. Shelton Smith, Duke Divinity School

November 1—Dr. Kenneth Pope, Minister, First Methodist Church, Houston
8—Professor McMurry S. Richey, Duke Divinity School
15—Dad's Day—Dr. Paul Hardin, Jr., Minister, First Methodist Church, Birmingham
22—Professor John A. Hutchison, Columbia University
29—Thanksgiving Recess

December 6—Dean Robert E. Cushman, Duke Divinity School
13—Chaplain Howard C. Wilkinson
20—Christmas Recess
27—Christmas Recess
January 3—Christmas Recess
10—Dr. Edmund A. Steinle, Lutheran Theological Seminary, Philadelphia
17—Holy Communion—Professor James L. Price, Jr., Religion Department, Duke Undergraduate School
24—Professor Hugh Anderson

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, September 23rd at 4:00 p.m. in Room 123, Science Building, East Campus. Dr. Kjeld Holmen, Curator of the Botanical Museum at the University of Copenhagen, will speak on "Plant Conditions in Northernmost Greenland." Dr. Holmen is a specialist in arctic botany, especially, the taxonomy, cytology and ecology of arctic mosses.

CABOT SOCIETY MEETING

The Cabot Society will meet for dinner and a program on Wednesday, September 23rd, in a private dining room of the Men's Graduate Center. This meeting is open to all students in the Medical School and the School of Nursing. Informal in nature, and without dues or a membership roll, the Society seeks to emphasize the contributions which religion and medicine make to each other. The speaker for this particular meeting, which commences at 5:30 p.m., is Dr. Eugene A. Stead, Jr., Professor of Medicine and Chairman of the Department of Medicine, in the Duke Medical School. His topic will be, "A Philosophy of Medicine." Those who wish to attend do not need to make reservations. They should go through the cafeteria line and bring their trays to the private dining room at 5:30 o'clock.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics Colloquium will meet Wednesday, September 23rd, at 8:00 p.m. in Room 206, Phillips Hall, University of North Carolina, Chapel Hill, North Carolina.

Dr. John Gibbons of Oak Ridge National Laboratories will speak on "Recent Studies on Nentron Capture Cross-Sections."

INTERNATIONAL TEA

On Sunday afternoon, September 27th, the annual International Tea will be held in the lounge of the Men's Graduate Center, between 3:00 and 5:00 o'clock. Sponsored by the Interfaith and Fellowship Committee of the Duke University Religious Council, this tea seeks to acquaint students from foreign lands with each other and with students from America. It is also a means of welcoming the foreign students to the Duke religious community. Every student in Duke University is cordially invited to attend. The Chairman of the sponsoring committee is Miss Anne Thompson.

EPISCOPAL STUDENT CENTER

The Episcopal Student Center was opened this week for use, for the first time. Located on Alexander Street, just north of Myrtle Drive, and midway between East and West campuses, the Center is designed to serve as a meeting place for the Canterbury Club, a center for Episcopal student affairs at Duke, and as an office for the Chaplain to Episcopal Students, Rev. Joseph W. O'Brien. Constructed and furnished at a cost of \$72,000, the Center is of Colonial architectural design, and its plans were drawn by Harris and Pyne, Architects.

DUKE NURSERY SCHOOL OPENINGS

The Duke University Nursery School has several openings in the three and four year old groups. For further information contact Miss Marie Hinman, Director; University extension 3673. Please call between 8:30 to 12:00 a.m. and 2:00 to 5:00 p.m.

DUKE GREENHOUSES

The West Campus greenhouses of the Department of Botany are open weekdays from 9:00 a.m. to 4:00 p.m. and visitors are invited. Two houses are devoted to labeled collections of exotic plants of botanical and economic interest.

DUKE UNIVERSITY ARTS COUNCIL

The Duke University Arts Council, a non-profit organization whose members are drawn from the faculty, student body and from the surrounding community, announces two distinguished programs for the current academic year. The first will be a piano concert on Thursday, October 1st, by Loren Withers of the Department of Aesthetics, Art, and Music; the second will be the Katharine Gilbert Memorial Lecture by Dr. Milton Nahm, Professor of Philosophy at Bryn Mawr College on Tuesday, November 17th. Both programs are opened to the public without charge.

In addition to sponsoring concerts, lectures, and art exhibits the Council provides the services of two lending libraries, one a reproduction library and the other a record library. Members may rent reproductions and records as of October 1st in Room 103, Asbury Building where more complete details are available.

A cordial invitation is extended to all members of the University Community to participate in the Arts Council's program.

DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will begin its 11th season under the direction of Dr. Paul R. Bryan, Jr. on Monday, September 21st, at 8:00 p.m. in the Music Room of the Durham High School.

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The Conference Board of Associated Research Councils has announced awards for 1960-61 in Europe, the Near East, the Far East, and Africa. The deadline for applications is October 1, 1959. Details are available in Allen Building, Room 220.

1959-'60 ALL-STAR ARTISTS' SERIES

Season tickets priced at \$8.00 and \$9.00 are available in 202-A Flowers Building. A check payable to Artists' Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 9011, extension 2911 for further information. The 1959-'60 Series is as follows:

THE NATIONAL SYMPHONY ORCHESTRA WITH PHILLIPPE ENTREMONT, PIANO SOLOIST	Thursday, November 5
ISAAC STERN, VIOLINIST	Tuesday, December 15
ROBERTO IGLESIAS BALLET ESPANOL	Friday, February 5
GERARD SOUZAY, BARITONE	Tuesday, February 16
THE ROBERT SHAW CHORALE AND ORCHESTRA	Thursday, March 3

LIBRARY SCHEDULES

Schedules for September 14th, 15th, and 16th:

<i>General Library</i>	8:30 a.m.- 4:30 p.m.
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<i>Woman's College Library</i>	8:30 a.m.- 4:30 p.m.
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Schedules effective September 17th:

<i>General Library</i>	
Mondays-Fridays	8:00 a.m.-11:00 p.m.
Saturdays	8:00 a.m.- 6:00 p.m.
Sundays	2:00 p.m.- 6:00 p.m.

(The Undergraduate Reading Room will be open on Sundays from 7:00 to 11:00 p.m. in addition to the above schedule.)

<i>Woman's College Library</i>	
Mondays-Fridays	8:00 a.m.-10:00 p.m.
Saturdays	8:00 a.m.- 6:00 p.m.
Sundays	2:00 p.m.-10:00 p.m.

Any deviations from the above schedules by school and departmental libraries will be posted in those libraries.

DUKE UNIVERSITY FOOTBALL SCHEDULE 1959 SEASON

Date	Opponent	Place
Sept. 19	University of South Carolina	Columbia
Sept. 26	Ohio State	Columbus
Oct. 3	Rice Institute	Durham
Oct. 10	University of Pittsburgh	Pittsburgh
Oct. 17	Army (Homecoming)	Durham
Oct. 24	North Carolina State College	Raleigh
Oct. 31	Georgia Tech	Atlanta
Nov. 7	Clemson College	Clemson
Nov. 14	Wake Forest College	Durham
Nov. 26	University of North Carolina	Durham

INFORMATION REGARDING PRICES AND ORDERS FOR TICKETS

Game	Admission (Including Tax)	Time of Kick-Off
University of South Carolina	\$4.65	8:00 P.M.
Ohio State	4.00	1:30 P.M.
Rice Institute	4.50	2:00 P.M.
University of Pittsburgh	4.00	1:30 P.M.
Army	4.50	2:00 P.M.
North Carolina State College	4.00	1:30 P.M.
Georgia Tech	5.00	2:00 P.M.
Clemson College	4.50	2:00 P.M.
Wake Forest College	4.50	2:00 P.M.
University of North Carolina	4.50	2:30 P.M.

WEEKLY CALENDAR INFORMATION

This is the second issue of the weekly Calendar of Duke University for the academic year 1959-1960. Hereafter, the Calendar will appear every Saturday morning.

Members of the faculty and staff are requested to have notices for publication in the Calendar in Room 202-A Flowers Building, West Campus, not later than 1:00 p.m. on Thursday. This is absolutely necessary in order that the Calendar may be handled by the printers and be ready for distribution early Saturday morning.

To circumvent possible errors it is requested that notices be submitted in typewritten form.

WEEK OF
Sept. 27-Oct. 3, 1959

WEEK OF
Sept. 27-Oct. 3, 1959

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, September 27

- 9:30 a.m. Baptist Sunday School. Local Baptist Churches.
- 9:30 a.m. Episcopal Service of Holy Communion. Episcopal Student Center.
- 9:30 a.m. Methodist Sunday School Classes. Methodist Student Center.
- 9:30 a.m. Presbyterian Bible Class. Room 208, Flowers Building.
- 9:45 a.m. Lutheran Sunday School. Local Lutheran Churches.
- 10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Hugh Anderson, Associate Professor of Biblical Theology, the Divinity School. Sermon: "The High Demands of Church Going." Broadcast over Radio Station WDNC and WDNC-FM.
- 1:30 p.m. Inter-Varsity Christian Fellowship. Room 201, East Duke Building.
- 3:00-5:00 p.m. International Tea. Men's Graduate Center.
- 6:30 p.m. Denominational Meetings. See special notice.

Monday, September 28

- 4:00-5:00 p.m. Modern Dance tryouts. W. C. Gymnasium.
- 4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Norman G. Anderson.

- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 7:00 p.m. English for Foreign Students. Room 105, Gray Building.

Tuesday, September 29

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor O. Kelly Ingram.
- 4:00-5:00 p.m. Modern Dance tryouts. W. C. Auditorium.
- 4:30-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 6:30 p.m. Away Football Movies. Page Auditorium.
- 7:00-8:00 p.m. S. U. Dance Lessons. The Ark, East Campus.

Wednesday, September 30

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor O. Kelly Ingram.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:30 p.m. Westminster Fellowship Supper Club. East Campus Union.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 6:30 p.m. Baptist Student Union Forum. East Duke Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Lucky Jim" with Ian Carmichael, Terry Thomas, and Hugh Griffith. A rollicking lampoon of University life by the Boulting Brothers, Britain's most successful laugh-makers. "They'll laugh their heads off—and think a little, too!" N. Y. Post.
- 7:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. D. K. Adams.

Thursday, October 1

- 8:00 a.m. Holy Communion. Episcopal Student Center.
- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Paul M. Bassett.
- 4:30 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speakers: Dr. Otto Meier, Professor R. E. Lewis, and Mr. J. D. Wellons, Jr.
- 7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.
- 8:15 p.m. Arts Council Concert: Loren Withers, Pianist. Page Auditorium.

Friday, October 2

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor O. Kelly Ingram.
- 4:30-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, faculty wives, and faculty daughters, ages 6-16. Each child between the ages of 6 and 12 must be accompanied by her mother.
- 6:00 p.m. Inter-Varsity Christian Fellowship. Room 201, Flowers Building. Prayer Meeting.

Saturday, October 3

- 2:00 p.m. Varsity Football. Duke versus Rice Institute. Duke Stadium.
- 4:15 p.m. Student Union Open House. Union Ballroom.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Lucky Jim" with Ian Carmichael, Terry Thomas, and Hugh Griffith. A rollicking lampoon of University life by the Boulting Brothers, Britain's most successful laugh-makers. "They'll laugh their heads off—and think a little, too!" N. Y. Post.

THE UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Hugh Anderson, Associate Professor of Biblical Theology, in the Divinity School, will deliver the sermon at the University Service of Worship on Sunday morning, September 27th, at 11:00 o'clock in the University Chapel. His subject will be "The High Demands of Church Going." The order of service follows:

- The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister
- Prelude—"Chorale in A Minor" *Franck*
- Call to Worship—"The Lord Is in His Holy Temple," *Harrington*
- Hymn—"For the Beauty of the Earth" *Conrad Kocher*
- Prayer of Confession
- Words of Assurance
- The Lord's Prayer
- Anthem—"Magnificat" *Tallis*
- Scripture Lesson—Mark 6: 45-56
- Hymn—"I Love Thy Kingdom, Lord," *From Williams' Psalmody*
- Call to Prayer
- The Offering
- Offertory Organ Interlude
- Anthem—"Glory to God in the Highest" *Thompson*
- Response—The Doxology
- Prayer of Dedication
- Sermon—"The High Demands of Church Going"
- Prayer
- Benediction
- Choral Response—"Sevenfold Amen" *Stainer*
- The Chimes
- Postlude—"Introduction and Passacaglia" *Reger*

SUNDAY DENOMINATIONAL MEETINGS

The Baptist Student Union: 6:15 p.m., Baptist Training Union, Local Baptist Churches.

The Episcopal Student Fellowship: 6:30 p.m., Evening Prayer and Canterbury Meeting, Episcopal Student Center.

The Methodist Student Fellowship: 6:30 p.m., Dean Barney L. Jones, Speaker, "Spotlight on the College Student." Methodist Student Center. 7:30 p.m., Evening Worship, Methodist Student Center.

Westminster Fellowship: 6:15 p.m., Chaplain Charles Johnson, Speaker, "The Church in Scotland." The Ark, East Campus.

Society of Friends: 7:30 p.m., Calhoun Geiger, Director of the Peace Program of the American Friends Service Committee, Speaker, "Peace" after which a film entitled: "Alternatives." A period for discussion will follow.

Unitarian Fellowship: 7:30 p.m. "Questions and Answers About Unitarianism." Home of Professor W. H. Cartwright, 2114 Myrtle Drive.

INTERNATIONAL TEA

On Sunday afternoon, September 27th, the annual International Tea will be held in the lounge of the Men's Graduate Center, between 3:00 and 5:00 o'clock. Sponsored by the Interfaith and Fellowship Committee of the Duke University Religious Council, this tea seeks to acquaint students from foreign lands with each other and with students from America. It is also a means of welcoming the foreign students to the Duke religious community. Every student in Duke University is cordially invited to attend. The Chairman of the sponsoring committee is Miss Anne Thompson.

MODERN DANCE TRYOUTS

Modern Dance Tryouts for the Terpsichorean Club will be held Monday and Tuesday, September 28th and 29th, from 4:00-5:00 p.m. in the Woman's College Gymnasium. Previous dance experience is helpful, but not required. All interested persons are invited to attend.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, September 28th, in Room 113, Biology Building, at 4:15 p.m. Dr. Norman G. Anderson, Oak Ridge National Laboratory, will speak on "Cell Division Mechanics." Coffee will be served at 4:00 p.m. in Room 119 preceding the seminar.

ENGLISH FOR FOREIGN STUDENTS

A class in English for Foreign students is being organized. Those interested should come to Room 105, Gray Building at 7:00 p.m. Monday, September 28th or see Mr. Wetherby in Room 05, Gray Building.

PSYCHOLOGY COLLOQUIUM

Dr. D. K. Adams of the Psychology Department will speak on "Ethologists, Physiologists, and Psychologists" at the Psychology Colloquium on Wednesday, September 30th, in Room 209, Bivins Building.

SLIDE RULE INSTRUCTION

Slide rule instruction for all interested persons in the University Community will be available at the College of Engineering Auditorium on five successive Thursday nights beginning October 1st, at 7:00 p.m.

The first session will be devoted to a brief history of slide rule development with basic theory of construction (C and D scales), practice in reading values on rules, care and adjustment, exhibit of slide rules, and details of cost, availability, etc. A question period will follow the completion of the general lecture. Lecturers will be: Dr. Otto Meier, Professor R. E. Lewis, and Mr. J. D. Wellons, Jr.

ARTS COUNCIL PRESENT LOREN WITHERS IN CONCERT

The Duke University Arts Council will present Loren Withers, pianist, in a concert to be given on Thursday, October 1st, at 8:15 p.m. in Page Auditorium. The public is cordially invited to attend this

function as guests of the Arts Council.

Mr. Withers, who is associate professor of music at Duke University, did his undergraduate work at the University of Kansas, continuing with graduate work at the Juilliard School of Music where he studied piano under the eminent Bach authority, James Friskin. He also has studied piano with two other well-known artist-teachers, Carl Friedberg and Ernest Hutcheson.

Widely-acclaimed as a pianist, Mr. Withers has appeared in recital in states in the Mid-West and on the Pacific Coast. His most recent series of recitals have been at the National Gallery, Washington, D. C. and in several Southeastern states.

The program follows:

Sonata in F Major, K. 332	Mozart
Allegro	
Adagio	
Allegro assai	
Sonata, 1959 (First two movements)	William Klenz
Lento, Allegro, Lento-Adagio, Allegro	
Valzer	
Nightfall	Charles T. Griffes
The Night Winds	Charles T. Griffes
Intermission	
Sonata No. 3 (1948)	Norman Dello Joio
Theme with Five Variations	
Presto e leggiero	
Adagio	
Allegro vivo e ritmico	
Venetian Boat-Song in F-Sharp Minor, Op. 30, No. 6	Mendelssohn
Valse Oubliee	Liszt
Nocturne in B-Flat Minor, Op. 9, No. 1	Chopin
Etude en Forme de Valse	Saint-Saëns

"U. S.-SOVIET CONFLICT" SYMPOSIUM

"The U. S.-Soviet Conflict" will be the topic of a three-day Symposium to be held at the University October 6th, 7th, and 8th. Speakers will be Professor Merle Fainsod, Director of Harvard's Russian Research Center, Professor Frederick Lewis Schuman, Woodrow Wilson Professor of Government at Williams College, and Mr. Thomas P. Whitney, Associated Press Correspondent with ten years' service in Moscow. The speakers will participate in afternoon seminars and evening formal addresses.

The Symposium is the climax of a year's work by the Duke Symposium Committee, a group composed of students representing every major campus organization and members of the faculty and administration. It is financed by student funds. The Committee extends an invitation to all members of the faculty and their families to attend the Symposium.

DUKE PLAYERS SEASON TICKETS

Tickets, at the reduced rate of \$2.50, are now on sale for the three major attractions offered by Duke Players for the current season. The plays are "Macbeth" (October 30th and 31st in Page Auditorium); "The Importance of Being Earnest" (December 9th, 10th, 11th, and 12th in Branson Hall); and "Death of a Salesman" (March 18th and 19th in Page Auditorium). Mail orders should be addressed to Duke Players, Box 6939, College Station.

LIBRARY SCHEDULES

General Library

Mondays-Fridays	8:00 a.m.-11:00 p.m.
Saturdays	8:00 a.m.-10:30 p.m.
Sundays	2:00 p.m.- 6:00 p.m.

(The Undergraduate Reading Room will be open on Sundays from 7:00 to 11:00 p.m. in addition to the above schedule.)

Woman's College Library

Mondays-Fridays	8:00 a.m.-10:00 p.m.
Saturdays	8:00 a.m.- 5:00 p.m.
Sundays	2:00 p.m.-10:00 p.m.

Any deviations from the above schedules by school and departmental libraries will be posted in those libraries.

DANFORTH SCHOLARSHIPS

The Danforth Foundation, an educational foundation located in St. Louis, Missouri, invites applications for the ninth class (1960) of Danforth Graduate Fellows from college senior men and recent graduates who are preparing themselves for a career of college teaching, and are planning to enter graduate school in September, 1960, for their first year of graduate study. The Foundation welcomes applicants from the areas of Natural and Biological Sciences, Social Sciences, Humanities and all fields of specialization to be found in the undergraduate college.

President A. H. Edens has named Dr. H. J. Herring as the Liaison Officer to nominate to the Danforth Foundation two or not to exceed three candidates for these 1960 fellowships. These appointments are fundamentally "a relationship of encouragement" throughout the years of graduate study, carrying a promise of financial aid within prescribed conditions as there may be need. The maximum annual grant for single Fellows is \$1500 plus tuition and fees charged to all graduate students; for married Fellows, \$2000 plus tuition and fees charged to all graduate students with an additional stipend of \$500 for each child. Students with or without financial need are invited to apply. A Danforth Fellow is allowed to carry other scholarship appointments, such as Rhodes, Fulbright, Woodrow Wilson, Marshall, etc., concurrently with his Danforth Fellowship, and applicants for these appointments are cordially invited to apply at the same time for a Danforth Fellowship. If a man received the Danforth Appointment, together with a Rhodes Scholarship, Fulbright Scholarship, or Woodrow Wilson Fellowship, he becomes a Danforth Fellow without stipend, until these other relationships are completed.

All Danforth Fellows will participate in the annual Danforth Foundation Conference on Teaching, to be held at Camp Miniwawica in Michigan next September, 1960.

The qualifications of the candidates as listed in the announcement from the Foundation are: men of outstanding academic ability, personality congenial to the classroom, and integrity and character, including serious inquiry within the Christian tradition.

All applications, including the recommendations, must be completed by January 31, 1960. Any student wishing further information should get in touch with our Liaison officer.

SOCIAL SCIENCE RESEARCH COUNCIL

The Social Science Research Council announces Fellowships, Grants-in-Aid, and other appointments to be

offered in 1959-60. Application dates for various awards range from November 2, 1959 to January 4, 1960. Details are available in Room 220, Allen Building.

ARTS COUNCIL LENDING LIBRARIES

The Arts Council Record and Reproduction Lending Libraries, located in Asbury Building on the Woman's College is now open. Council fees will be accepted by either librarian. Please note the following hours and regulations:

Reproduction Library

Open 1:00-5:00 p.m.—Monday through Friday

Pictures are rented at a rate of 75¢ per month, for a limit of three months. A penalty of 25¢ a week will be charged for late return. Membership cards must be shown as loans are made.

Record Library

Open 2:00-5:00 and 7:00-10:00 p.m.—Monday through Friday

9:00-12:00—Saturday morning

2:00- 5:00—Sunday afternoon

Record lending fees: 4 days, 10¢

5¢ per day thereafter

PHOTOGRAPHIC EXHIBIT

The Woman's College invites members of the Duke University Community to see a photographic exhibit called "Faces and Places in Britain," which has been secured through the English Speaking Union. This exhibit is hung in the rear lobby of the East Duke Building. The current exhibit will be changed for a new series Monday, September 28th, and the exhibit will end about Monday, October 12th.

STUDENT LOAN REPRODUCTION

Student Loan Reproductions will be available beginning Monday, September 28th, at 9:00 a.m. in Room 103, Asbury Building. Students may borrow pictures free of charge.

1959-'60 ALL-STAR ARTISTS' SERIES

Season tickets priced at \$8.00 and \$9.00 are available in 202-A Flowers Building. A check payable to Artists' Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 9011, extension 2911 for further information. The 1959-'60 Series is as follows:

THE NATIONAL SYMPHONY ORCHESTRA WITH
PHILLIPPE ENTREMONT, PIANO SOLOIST

Thursday, November 5

ISAAC STERN, VIOLINIST

Tuesday, December 15

ROBERTO IGLESIAS BALLET ESPANOL

Friday, February 5

GERARD SOUZAY, BARITONE

Tuesday, February 16

THE ROBERT SHAW CHORALE
AND ORCHESTRA

Thursday, March 3

DUKE GREENHOUSES

The West Campus greenhouses of the Department of Botany are open weekdays from 9:00 a.m. to 4:00 p.m. and visitors are invited. Two houses are devoted to labeled collections of exotic plants of botanical and economic interest.

WEEK OF
Oct. 4 - 10, 1959

WEEK OF
Oct. 4-10, 1959

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 4

- 9:30 a.m. Baptist Sunday School. Local Baptist Churches.
- 9:30 a.m. Episcopal Service of Holy Communion. Episcopal Student Center.
- 9:30 a.m. Presbyterian Bible Class. Room 208, Flowers Building.
- 9:45 a.m. Lutheran Sunday School. Local Lutheran Churches.
- 10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. World-Wide Communion Service. Preacher: Dr. W. Arthur Kale, Professor of Christian Education, the Divinity School. Sermon: "Partners in the Altar." Broadcast over Radio Station WDNC and WDNC-FM.
- 6:30 p.m. Denominational Meetings. See special notice.
- 9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, October 5

- 4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. S. G. Stephens.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 8:00 p.m. Erasmus Club. Music Room, East Duke Building. Speaker: Professor George C. Schoolfield.
- 8:00 p.m. Trinity College Historical Society Meeting. Green Room, East Duke Building. Speaker: Dr. Lillian P. Wallace and Professor Theodore Ropp.

Tuesday, October 6

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Thomas A. Langford.
- 3:15 p.m. Seminar for "U.S.-Soviet Conflict" Symposium. Union Ballroom. Panel: Professors Fainsod, Schuman, Hallowell, and Negley.
- 4:00 p.m. Mathematics Seminar. Room 138, Physics Building. Speaker: Dr. R. T. Harris.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:00 p.m. The final examination of Mr. Wayue Orien Evans for the Ph.D. degree in Psychology. Room 204, Bivins Building.
- 4:30-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 8:15 p.m. Symposium Address: Professor Merle Fainsod. Page Auditorium.

Wednesday, October 7

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Thomas A. Langford.
- 3:15 p.m. Seminar for Symposium. East Duke Building. Panel: Professors Fainsod and Schuman and Mr. Thomas P. Whitney.
- 4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Robert S. Waldrop.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Old Man and the Sea" with Spencer Tracy and Felipe Pazos. The filmization of Ernest Hemingway's Pulitzer Prize book. In color.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114, Physics Building. Speaker: Dr. W. Buckel.
- 8:15 p.m. Symposium Address: Professor F. L. Schuman. Woman's College Auditorium.

Thursday, October 8

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. James C. Stanford.
- 3:15 p.m. Seminar for Symposium. Speaker: Mr. Whitney. Questioning Panel: Professor John S. Curtiss and students.
- 4:00-5:30 p.m. Undergraduate Faculty Council Meeting. Room 208, Flowers Building.
- 4:30 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speaker: Professor J. W. Williams.
- 7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Botany Seminar. Room 123, Science Building. Speaker: Dr. Ralph E. Cleland.

- 8:15 p.m. Symposium Address: Mr. Thomas P. Whitney. Page Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, October 9

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Thomas A. Langford.
- 4:30-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, faculty wives, and faculty daughters, ages 6-16. Each child between the ages of 6 and 12 must be accompanied by her mother.
- 7:30 p.m. Blanchard Seminar. Room 201, Flowers Building.

Saturday, October 10

- 9:30 a.m. Divinity Dames Meeting. Divinity School Social Room.
- 1:30 p.m. Varsity Football. Duke versus University of Pittsburgh. Pittsburgh.
- 7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Old Man and the Sea" with Spencer Tracy and Felipe Pazos. The filmization of Ernest Hemingway's Pulitzer Prize book. In color.

THE UNIVERSITY SERVICE OF WORSHIP

World-Wide Communion Sunday will be observed with the service of Holy Communion on Sunday, October 4th, at 11:00 a.m. in the University Chapel. The Reverend Howard C. Wilkinson, Chaplain to the University, will be the celebrant, and the sermon will be delivered by The Reverend Dr. W. Arthur Kale, Professor of Christian Education, the Divinity School. His subject will be, "Partners in the Altar."

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

All members and friends of the Trinity College Historical Society are invited to attend the first meeting of the year Monday, October 5th, at 8:00 p.m. in the Green Room, East Duke Building on the Woman's College Campus. Dr. Lillian P. Wallace will present a Festschrift honoring E. Malcolm Carroll, James B. Duke Professor Emeritus of History at Duke University.

Following the presentation, Dr. Theodore Ropp, Associate Professor of History of Duke University, will speak on "Military Conscription in the Commonwealth: Some Unsupported Generalizations." Dr. Ropp has just completed a trip around the world as a Fellow of the Social Science Research Council and of the Duke Commonwealth Studies Center.

DENOMINATIONAL MEETINGS

The Baptist Student Union:

Sunday, October 4th—6:15 p.m. Baptist Training Union, Local Baptist Churches.

Wednesday, October 7th—6:30 p.m. Forum, East Duke Building.

The Episcopal Student Fellowship:

Sunday, October 4th—6:30 p.m. Evening Prayer and Canterbury Meeting, Episcopal Student Center.

Lutheran Student Fellowship:

Sunday, October 4th—6:30 p.m., Room 208, Flowers Building.

The Methodist Student Fellowship:

Sunday, October 4th—7:00 p.m. Forum, Speaker: Dr. Tom Langford, Subject: "What Is Religious Experience," Methodist Student Center.

Wednesday, October 7th—6:00 p.m. Communion, Methodist Student Center.

Newman Club:

Monday, October 5th—6:00-6:50 p.m., Study Club, 101 Gray Building.

Thursday, October 8th—6:00-6:50 p.m., Study Club, 101 Gray Building.

Society of Friends:

Sunday, October 5th—7:30 p.m., Forum, Speaker: Professor Harris Proctor, Department of Political Science, Subject: "The Conflict Between Russia and the United States," Friends Meeting House, 404 Alexander Avenue.

Westminster Fellowship:

Sunday, October 4th—6:15 p.m., Speaker: Dean Barney L. Jones, Subject: "The Jacobs Report," The Ark, East Campus.

Inter-Varsity Christian Fellowship:

Sunday, October 4th—1:30 p.m., Fellowship, 201 East Duke Building.

Friday, October 9th—6:00 p.m., Prayer Meeting, Room 201, Flowers Building.

Christian Science Organization:

Tuesday, October 6th—6:30 p.m., Weekly Testimony Meeting, Chapel Basement.

Thursday, October 8th—8:00 p.m., Public Lecture, Speaker: Mr. Robert S. Vau Atta of Rochester, N. Y., member of the Board of Lectureship of The Mother Church, The First Church of Christ, Scientist, in Boston, Mass., Subject: "Christian Science: Practical Christianity for Modern Times," Music Room, East Duke Building.

"CONCERT HALL" BROADCASTS

The Duke Arts Council will again sponsor "Concert Hall," a weekly radio program, which may be heard on Station WTIK, Durham each Sunday evening from 9:30 to 10:30 p.m. The majority of the recordings used in the broadcast are available in the Arts Council Lending Library located in Asbury Building.

ERASMUS CLUB

The first meeting of the Erasmus Club for the academic year will be held Monday, October 5th, at 8:00 p.m. in the Music Room, 201 East Duke Building, East Campus (not in the Green Room as previously announced). The speaker will be Professor George C. Schoolfield of the German Department, who will discuss "Rilke in Scandinavia." Old members are urged to renew their memberships, and a special welcome is extended to guests and new members.

"U.S.-SOVIET CONFLICT" SYMPOSIUM

"The U.S.-Soviet Conflict" will be the topic of a three-day Symposium to be held at the University October 6th, 7th, and 8th. Speakers will be Professor Merle Fainsod, Director of Harvard's Russian Research Center, Professor Frederick Lewis Schuman, Woodrow Wilson Professor of Government at Williams College, and Mr. Thomas P. Whitney, Associated Press Correspondent with ten years' service in Moscow. Both the seminars and the addresses are open to the public.

The schedule is as follows:

Tuesday, October 6th

3:15 p.m.—Seminar: "The Conflict in Ideology"—Union Ballroom

Panel: Professor Merle Fainsod, Harvard University

Professor F. L. Schuman, Williams College

Professor Glenn Negley, Duke University

Professor John H. Hallowell, Duke University

8:15 p.m.—Address: "Soviet Change Since Stalin: Its Impact on the United States."—Page Auditorium.

Speaker: Professor Fainsod

Wednesday, October 7th

3:15 p.m.—Seminar: "The Conflict: Directions of Development"—East Duke Building

Panel: Professor Fainsod

Professor Schuman

Mr. Thomas P. Whitney, AP Correspondent

8:15 p.m.—Address: "The Cold War: A Problem of Power"—Woman's College Auditorium

Speaker: Professor Schuman

Thursday, October 8th

3:15 p.m.—Seminar: "The Economic Race for World Supremacy"—Union Ballroom

Speaker: Mr. Whitney

Questioning Panel: Professor John S. Curtiss, two undergraduates and one graduate student.

8:15 p.m.—Address: "The Khrushchev Visit"—Page Auditorium

Speaker: Mr. Whitney

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, October 5th, in Room 113, Biology Building, at 4:15 p.m. Dr. S. G. Stephens of North Carolina State College will speak on "Problems in the Distribution and Classification of the New World Cottons." Coffee will be served at 4:00 in Room 119 preceding the seminar.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, October 6th, at 4:00 p.m. in Room 138, Physics Building. The speaker, Dr. R. T. Harris, will discuss "Eigenfunctional Expansions for Operator Algebras."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Wayne Orien Evans for the Ph.D. degree in Psychology will be held on Tuesday, October 6th, at 4:00 p.m. in Room 204, Bivins Building. The subject of Mr. Evans' dissertation is "The Dimensional Bases of Stimulus Generalization." The committee to conduct the examination will consist of Professors Gregory Kimble, Elliott Rodnick, Irving Diamond, Norman Guttman, and Frederick Bernheim. Professor Kimble will preside.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Wednesday, October 7th, at 4:30 p.m. in Room 209, Bivins Building. The speaker will be Dr. Robert S. Waldrup, Chief of Vocational Counseling in the Veterans Administration, Washington, D. C., who will address the group on "Synergetic Psychology in Public Service."

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics Colloquium will meet Wednesday, October 7th, at 8:00 p.m. in Room 114, Physics Building.

Dr. W. Buckel, a consultant at the University of North Carolina on leave from the University of Aachen, Germany will speak on "Structure and Electrical Resistance of Thin Films."

SLIDE RULE LECTURE

The second of the Series of Slide Rule Lectures sponsored by Tau Beta Pi and the Order of St. Patrick will be held on Thursday, October 8th, at 7:00 p.m. in the Engineering Auditorium. The speaker will be Professor J. W. Williams.

BOTANY SEMINAR

The Botany Seminar will be held on Thursday, October 8th, at 8:00 p.m. in Room 123, Science Building, East Campus. Dr. Ralph E. Cleland, Head of the Department of Botany and Dean of the Graduate School at Indiana University, will speak on, "Evolutionary Consequences of Cytogenetic Peculiarities in *Oenothera*." Dr. Cleland is especially noted for his classical investigations in the cytology and genetics of *Oenothera*.

BLANSHARD SEMINAR

Paul Blanshard's *American Freedom and Catholic Power*, 2nd edition, 1958, will be studied on six Friday evenings, beginning October 9th, at 7:30 p.m., in Room 201, Flowers Building. At each meeting, participants will report on two chapters of the book, with discussion following. For October 9th the chapters are numbers 2 and 3: "How the Hierarchy Works," and "Church, State, and Democracy."

New participants can still be accommodated, and anyone within or without the University Community is welcome. Auditors will be admitted, but must read the assigned chapters if they wish to join in the discussion.

GUEST ORGAN RECITAL

A guest organ recital will be presented Sunday, October 11th, at 4:00 p.m. in the University Chapel by John Mueller of Salem College, Winston-Salem, N. C. The public is cordially invited.

WOODROW WILSON FELLOWSHIPS

The Woodrow Wilson National Fellowship Foundation announces its 1959-'60 program of 1,000 fellowships in the humanities, and in the social and natural sciences, to encourage undergraduates now in their senior year to undertake graduate work in order to enter the college teaching profession.

Students who receive a Woodrow Wilson National Fellowship will be paid \$1500 plus tuition and dependency allowances for a year of graduate study at a university of their choice in the United States or Canada. Students being detached from the armed forces before September 1960 are also eligible. Fellowships will be held over for those who must perform military duty before entering graduate school.

Candidates may not file applications directly, but will be sent application forms after personal nomination by a member of the faculty. Any student expecting to graduate in the spring of 1960 may learn more of the details of this Fellowship by consulting the Director of Undergraduate Studies in his major field, or the local representative of the Foundation, Professors M. M. Bevington, Richard L. Watson, Jr., and Patrick R. Vincent, of the Departments of English, History, and Romance Languages, respectively.

A student may request any member of the faculty to nominate him; or else a member of the faculty who is familiar with the student's work and interest in college teaching may write a recommendation on his own initiative directly to Professor Richard Bardolph, Woman's College of the University of North Carolina, Box 5095, Greensboro, North Carolina, who is the Regional Chairman.

The deadline for receiving nominations for the 1960 Fellowships is October 31, 1959. Application blanks will be mailed directly to the student on receipt of a faculty nomination. Only students who have a sincere interest in entering college teaching, whose records are superior, and who will do graduate work in the humanities, or the social or natural sciences, should request nomination. The Program does not award fellowships for graduate work in law, medicine, education, business administration, or engineering.

UNITED FUND DRIVE OPENS AT DUKE

Nearly one hundred Duke University Faculty and Staff members are serving as volunteer workers in Durham's 1959 United Fund campaign which opened on October 1st.

President Hollis Edens is State Chairman of United Fund Campaigns. Dr. Herbert J. Herring, Vice-President in the Division of Student Life, is President of the Durham United Fund. Co-chairman for the Duke Section or the United Fund Campaign are Dr. W. Scott Gehman, Jr., Associate Professor of Psychology in Education, and Charles H. Frenzel, Superintendent of Duke Hospital. Campus solicitation is scheduled for completion by October 30th.

Volunteer captains in charge of solicitation in schools and departments of the University are as follows: Mr. Clarence Whitefield, Mr. W. O. Petty, Jr., Mr. J. C. Hundley, Jr., Mr. Floyd Sawyer, Mr. Roger Marshall, Mrs. Laurel Higgins, Mr. William Brinkley, Dr. Charles Johnson, Mr. John Hanks, Mr. Ralph Lewis, Miss Millicent Demmin, Dr. Jane Philpott, Dr. Louis D. Quin, Professor Robert Dickens, Dr. Allan S. Hurlburt, Dr. Carl Anderson, Mrs. Ruby H. Ragan, Dr. Joel Colton, Mr. P. L. Bernstein, Dr. Paul Welsh, Dr. Julia Grout, Dr. Eugene Greuling, Dr. Richard H. Leach, Dr. Charles Spielberger, Mrs. Farilla David, Dr. John Frin, Dr. Thomas A. Langford, Dr. Wanda S. Hunter, Dr. Francis E. Bowman, Dr. McMurry Richey, Dr. Roger Anderson, Mr. Paul Hardin, Mr. John R. Waggoner, Mr. Guilford Lightbody, Mr. R. T. Strange, Mr. J. D. Wellons, Mr. T. W. Minah, Mr. E. P. Hayes, Mr. Albert Buehler, The Reverend William Smith, Dr. A. G. Brice, Lt. Col. C. H. Duncan, Capt. C. C. Ainsworth, and Mr. Peregrine White.

Volunteer captains in charge of solicitation in the various departments of the Hospital are as follows: Mrs. Martha J. Allen, Miss Gertrude Elliott, Miss Alberta Williams, Mrs. Mildred Cheek, Mrs. Gladys Pickard, Mrs. Ruth May, Mrs. Lela DuBoise, Mrs. Betty DeRosa, Mrs. Lilly McDonald, Mrs. Rosa Matthews, Mrs. Katie Thomas, Mrs. Kay Perry, Mrs. Louise Rochelle, Miss Helen Kaiser, Mrs. Jessie Lee Wilkins, Mrs. Barbara Cannady, Mrs. Esther Mecca, Mr. Ralph Drake, Mrs. Frances Walker, Mr. Sam Agnello, Mrs. Margaret Hazard, Mrs. Pansy Hedrick, Mrs. Mary Jones, Mrs. Betty Farmer, Miss Virginia Hackett, Dr. Charles H. Pette, Mrs. Nancy Whaley, Mrs. Ann M. Hood, Mrs. Bertha Kent, Miss Katherine Montague, Mr. B. A. Grubbs, Miss Carolyn Reasor, Miss Jeanne Lynn, Mrs. Barbara Harrison, Mr. Donald S. Smith, Mrs. Nancy Casey, Mr. Richard Bindewald, Mr. Warren Wagner, Mrs. Gladys Pulliam, Miss Esther Ratliff, Miss Mary Catherine Male, Mrs. Verna Sticht, Mr. E. T. Parrish, Mrs. Edna Bishop, Mr. Lewis Sykes, Mr. Preston Smith, and Mrs. Lea Emory.

CHAMBER MUSIC CONCERTS

The Chamber Arts Society announces the following five concerts for the 1959-'60 season:

October 24—The Vegh String Quartet

Founded in Budapest in 1946, this quartet retains its

original personnel. They have appeared at most of the important festivals of Europe with resounding success.

November 21—Camera Concerti

This is a chamber orchestra comprised of the finest young American instrumentalists and featuring Joseph Eger, French horn, and Walter Trampler, viola, in a repertoire of rarely heard chamber orchestra literature.

January 23—The Netherlands String Quartet

This is the second American tour for this group. A representative review of their first tour states: "Our memory extends through half a century of listening but we can think of no chamber music group that possesses in so high a degree every requisite for what we often heedlessly call perfection."

February 13—The Trio Di Bolzano

This ensemble now ranks as probably the finest of its instrumentation in Europe. Their performances are described as "incandescent, overwhelmingly beautiful, unforgettable."

March 19—The Hollywood String Quartet

The formidable reputation achieved by this Quartet is based on a remarkable series of recordings on the Capitol label, as well as international concert tours.

These concerts will be given in the Music Room, East Duke Building, and will begin at 8:15 p.m.

Membership and Admission:

Membership Card admitting to the 5 concerts listed will cost \$8.00 (Student \$6.00). The membership card is transferable. Enrollment is limited to 330 persons.

Single admission Guest Card for any one concert will cost \$2.50 (Student \$2.00).

The Chamber Arts Society is a non-profit organization; membership is open to all persons.

For membership enrollment send check and address to Chamber Arts Society, c/o Mrs. Ruth Friedburg, Treasurer, 103½ Hardee Street, Durham, N. C.

DUKE NURSERY SCHOOL OPENINGS

The Duke University Nursery School has several openings in the three and four year old groups. For further information contact Miss Marie Hinman, Director: University extension 3673 or 3449. Please call between 8:30 to 12:00 m. and 2:00 to 5:00 p.m.

PHOTOGRAPHY EXHIBIT

The Student Union announces a POPULAR PHOTOGRAPHY Traveling Exhibit which will be on show in the Alumni Lounge from Saturday, October 3rd through Saturday, October 17th. The exhibit features approximately 100 photographs which won top honors in the POPULAR PHOTOGRAPHY \$25,000 International Picture Contest, the biggest annual event in world photography. The exhibit represents the very best work in contemporary camera art.

SOCIAL SCIENCE RESEARCH COUNCIL

The Social Science Research Council announces Fellowships, Grants-in-Aid, and other appointments to be offered in 1959-60. Application dates for various awards range from November 2, 1959 to January 4, 1960. Details are available in Room 220, Allen Building.

WEEK OF
Oct. 11-17, 1959

WEEK OF
Oct. 11-17, 1959

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 11

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "No More Sea." Broadcast over Radio Station WDNC and WDNC-FM.
4:00 p.m. Guest Organ Recital. University Chapel. Guest Organist: John Mueller.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, October 12

- 4:15 p.m. Zoology Seminar. Room 113, Biology Building. Speaker: Dr. Dennis J. Crisp.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
8:00 p.m. Duke Nursery School Parent Meeting. Room 109, Bivins Building. Speaker: Dr. W. Reichenberg-Hackett.

Tuesday, October 13

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Waldo Beach.
11:00 a.m.-4:00 p.m. Dean's Conference with Bishop and Cabinet of N. C. Methodist Conference.

- 12:30 p.m. Divinity School Luncheon. Old Trinity Room. Dean and N. C. Conference Cabinet.
3:00-5:00 p.m. Campus Club. University House, 403 West Chapel Hill Street. Reception honoring Newcomers.
4:30-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:30-7:30 p.m. Away Football Movies. Chemistry Auditorium.
7:30-9:30 p.m. YW-YM Freshman Forum. Music Room, East Duke Building.
8:00 p.m. Duke-U.N.C. Philosophy Colloquium. Room 211A, West Duke Building. Speaker: Mr. Peter Geach.
8:15 p.m. Student Union Stage Show: "Most Happy Fella." Page Auditorium.

Wednesday, October 14

- 10:00-11:00 a.m. Student Union Coffee for Faculty and Students. Flowers Lounge.
10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Waldo Beach.
12:10 p.m. Episcopal Luncheon. Episcopal Student Center.
4:00 p.m. Botany Seminar. Room 123, Science Building, East Campus. Speaker: Dr. Harlan Lewis.
4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Peter Klopfer.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Windom's Way" starring Peter Finch, Mary Ure, and Natasha Parry. A J. Arthur Rank presentation in Eastman Color. First time in Durham.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Phillips Hall, University of North Carolina. Speaker: Professor H. C. Wolf.

Thursday, October 15

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. William O. Webster.
- 3:00-5:00 p.m. Newcomers Club Tea. Mrs. Hollis Edens, 2138 Myrtle Drive.
- 4:00 p.m. Graduate Faculty Meeting. Room 208, Flowers Building.
- 4:30 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speaker: Professor Ernest Elsevier.
- 7:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Dedication of the Episcopal Student Center.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, October 16

HOMECOMING WEEK-END.

- 9:00 a.m.-9:00 p.m. General Alumni Registration. West Campus Union Lobby. See special notice.
- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Waldo Beach.
- 4:30-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, faculty wives, and faculty daughters, ages 6-16. Each child between the ages of 6 and 12 must be accompanied by her mother.
- 7:30 p.m. Blanshard Seminar. Room 201, Flowers Building.
- 8:15 p.m. Homecoming Show and Pep Rally. Indoor Stadium.

Saturday, October 17

- 2:00 p.m. Varsity Football. Duke versus Army. Stadium.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Windom's Way" starring Peter Finch, Mary Ure, and Natasha Parry. A J. Arthur Rank presentation in Eastman Color. First time in Durham.

Arthur Rank presentation in Eastman Color. First time in Durham.

- 9:00-12:00 p.m. Homecoming Dance. Card Gymnasium.

THE UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday morning, October 11th, at 11:00 o'clock in the University Chapel. His subject will be "No More Sea."

DENOMINATIONAL MEETINGS

The Baptist Student Union:

Sunday, October 11th, 9:30 a.m. Sunday School, Local Baptist Churches. 6:15 p.m. Baptist Training Union, Local Baptist Churches.

Wednesday, October 14th, 6:30 p.m. Forum, East Duke Building.

The Episcopal Student Fellowship:

Sunday, October 11th, 9:30 a.m. Holy Communion, Episcopal Student Center. 6:30 p.m. Canterbury Meeting, Episcopal Student Center. Student Panel: Mason O'Neal, North Carolina College, and James Pollard, Duke. Subject: "Street Gang Violence." This will be a report on work of the church on lower east side, Manhattan, New York.

Tuesday, October 13th, 7:10 a.m. Holy Communion, Episcopal Student Center.

Thursday, October 15th, 8:00 a.m. Holy Communion, Episcopal Student Center.

Lutheran Student Association:

Sunday, October 11th, 9:45 a.m. Sunday School, Local Lutheran Churches. 11:00 a.m. Worship Service, Local Lutheran Churches. 6:30 p.m. 208, Flowers Building (West).

The Methodist Student Fellowship:

Sunday, October 11th, 6:30 p.m. Evening Program, Methodist Student Center.

Wednesday, October 14th, 6:00 p.m. Holy Communion, Methodist Student Center.

Society of Friends:

Sunday, October 11th, 7:30 p.m. Speaker: Professor Donald K. Adams, Professor of Psychology, Duke University. Subject: "The Quakers in Germany," Friends Meeting House, 404 Alexander Avenue.

Westminster Fellowship:

Sunday, October 11th, 9:30 a.m. Bible Class, 208 Flowers Building. 6:15 p.m. Organizational Meeting, The Ark, East Campus.

Wednesday, October 14th, 5:30 p.m. Westminster Supper Club, East Campus Union.

Unitarian Fellowship:

Sunday, October 11th, 7:30 p.m. Student Discussion Group, 204 Flowers Building.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, October 12th, in Room 113, Biology Building, at 4:15 p.m. Dr. Deuuis J. Crisp of the Marine Biological Station, Menai Bridge, Anglesey, Wales, will speak on "Changes in the Distribution of Animals and Plants in Europe Under the Influence of Climatic Amelioration." Coffee will be served at 4:00 in Room 119 preceding the seminar.

GUEST ORGAN RECITAL

A guest organ recital will be presented Suiday, October 11th, at 4:00 p.m. in the University Chapel by Johu Mueller of Salem College, Winston-Salem, North Carolina. The public is cordially invited. The program follows:

Mein junges Leben hat ein End 6 Varieties	Sweelinck
Chorale in E major	Franck
Fantasia in F minor, K. 608 Adagio Allegro Adagio	Mozart
Prelude and Fugue in E flat major	Bach

DUKE NURSERY SCHOOL PARENT MEETING

The Duke University Nursery School will hold its first Parent Meeting on Monday, October 12th at 8:00 p.m. in Room 109, Bivins Building. Dr. W. Reichenberg-Hackett will speak on Child Developmeut and a film from the Gesell Institute will be shown. Anyone who is interested in this subject area or the Duke University Nursery School is cordially invited.

There are still several openings in our three and four year old groups, for further information please contact Marie Hinman, Director, University Extension 3673 or 3449.

CAMPUS CLUB HONORS NEWCOMERS

The first meeting of the Campus Club will be held on Tuesday, October 13th, at the University House, 403 West Chapel Hill Street, from 3:00 until 5:00 p.m.

The newcomers will be the honored guests at the tea and Mrs. Arlin Turner will serve as chairman of the hostess departments, English and Law.

BROADWAY PRODUCTION OF "MOST HAPPY FELLA"

The Major Attractions Committee of the Student Union will sponsor Frank Loesser's "Most Happy Fella" on Tuesday, October 13th, at 8:15 p.m. in Page Auditorium.

A bountiful song and dance fest, it boasts no fewer than thirty-five musical numbers.

Richard Wentworth is starred as Touy, the California vintuer who seeks a mail-order bride and uses a photo of his handsome foreman for bait. Carolyn Mae plays Rosabella, his epistolatory fiancee.

Recipient of the New York Drama Critic's Award as the best musical of the year (1956), "The Most

Happy Fella" was adapted by Loesser from the Pulitzer Prize play, "They Knew What They Wanted." It's score boasts such hit melodies as "Standing on the Corner," "Big D," and "Joey." Loesser's treatment of the story, which was revived on Broadway twice and was the basis of four motion pictures, combines the free-wheeling musical comedy approach with emotionally charged musical drama.

With a cast of over 30 and an exciting set, the musical accompauiement is provided by two pianos and percussion. Tickets priced at \$3.00, \$2.50, and \$2.00 are available at the Page Box Office from 2:00 to 5:00 p.m. from Monday, October 12th until curtain time on Tuesday, October 13th or by calling extension 2911 during box office hours.

DUKE-U.N.C. PHILOSOPHY COLLOQUIUM

Mr. Peter Geach of the University of Birmingham, England, and Visiting Professor of Philosophy at Cornell University will be the guest of the Philosophy Departments at Duke and U.N.C. on Monday and Tuesday, October 12th and 13th.

On October 13th, Mr. Geach will speak in the Philosophy Seminar Room, 211A West Duke Building, East Campus at 8:00 p.m. His topic will be "Mental Acts." Interested members of the University Community are invited.

EPISCOPAL LUNCHEON

A luncheon honoring Archbishop Joost de Blank of Cape Town, South Africa will be given at the Episcopat Student Ceuter on Wednesday, October 14th, at 12:10 p.m. All interested persons are invited and may purchase tickets priced at \$1.00 at the Ceuter.

Archbishop de Blank will speak at the close of the luncheou on "Church and Race in South Africa."

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, October 14th, at 4:00 p.m. in Room 123, Science Building, East Campus. Dr. Harlan Lewis, a noted California Botanist and Chairman of the Department of Botany of the University of California at Los Augeles, will speak on "A Study of Evolution in Clarkia." His studies concerning evolution are based upon extensive work in cytogenetic and systematic botany.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Wednesday, October 14th, at 4:30 p.m. in Room 209, Bivins Building. Dr. Peter Klopfer, of the Department of Zoology, will speak on "Empathy in Birds."

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics Colloquium will meet Wednesday, October 14th, at 8:00 p.m. in Phillips Hall, University of North Carolina.

Professor H. C. Wolf of the Physical Institute, University of Stuttgart, Germany, will speak on "On the Electronic Spectra of Aromatic Molecular Crystals."

GRADUATE FACULTY MEETING

The Graduate School Faculty will meet on Thursday, October 15th, at 4:00 p.m. in Room 208, Flowers Building.

NEWCOMERS CLUB TEA

The Newcomers Club will be entertained by Mrs. Hollis Edens at her home, 2138 Myrtle Drive, on Thursday, October 15th, from 3:00 to 5:00 p.m.

A brief business meeting will be held to introduce the officers to the new members. All newcomers are cordially invited to attend this first tea.

SLIDE RULE LECTURE

The third of the Series of Slide Rule Lectures sponsored by Tau Beta Pi and the Order of St. Patrick will be held on Thursday, October 15th, at 7:00 p.m. in the Engineering Auditorium. The speaker will be Ernest Elsevier.

DEDICATION OF THE EPISCOPAL STUDENT CENTER

On Thursday, October 15th, at 8:00 p.m., the Right Reverend Richard H. Baker, Bishop of North Carolina, will dedicate the Episcopal Student Center, 406 Alexander Street. There will be a celebration of the Holy Communion at which Bishop Baker will preach the dedicatory sermon and preside at the service.

During the service the Chapel in the building will be named Chapel of St. Michael and All Angels and the building itself will be named Archbishop Cranmer House. Members of the University Community are cordially invited to the service.

BLANSHARD SEMINAR

The Blanshard Seminar will meet on Friday, October 16th, at 7:30 p.m., in Room 201, Flowers Building, continuing its study of Paul Blanshard's American Freedom and Catholic Power, with reports and discussion on Chapters 4 and, 5, "Education and the Catholic Mind," and "Public Schools and Public Money."

HOECOMING DANCE

The Senior Class extends an invitation to members of the faculty, administration, alumnii, and students to attend the annual Homecoming Dance on Saturday, October 17th, from 9:00 until 12:00 p.m. in the Card Gymnasium.

Music will be provided by the Duke Ambassadors.

1959 HOMECOMING SCHEDULE

Friday, October 16

- 9:00 a.m.-9:00 p.m.—General Alumni Registration. West Campus Union Lobby.
6:00-8:00 p.m.—Judging of the Campus Displays. West Campus Dormitory Quadrangle. (It is suggested that visitors try to see the displays at this time.)
6:30-8:00 p.m.—Fraternity Open Houses.
8:15 p.m.—Homecoming Show and Pep Rally, Skits by co-eds, Music by the Duke Ambassadors, and Crowning of Homecoming Queen. Indoor Stadium.

Saturday, October 17

- 9:00 a.m.-6:00 p.m.—General Alumni Registration. West Campus Union Lobby.
9:00 a.m.—Engineering Alumni Registration. College of Engineering.

- 9:00 a.m.-12:00 noon—Forestry School Open House. Forestry School.
9:30-11:00 a.m.—Open House for Alumni in Public School Work. Room 206, West Campus Union.
9:30 a.m.—Coffee Hour for Engineering Alumni and their wives and guests. Library, College of Engineering.
10:00-11:00 a.m.—Coffee Hour for School of Nursing Alumnae as Guests of School of Nursing Faculty. Hanes House.
10:00-11:00 a.m.—Coffee Hour for Woman's College Alumnae as guests of Woman's College Staff. East Duke Building.
10:30 a.m.—Engineering Alumni Business Meeting. Room 125, College of Engineering.
10:30 a.m.—Celebrity Time! Nine-hole golf match played by Art Wall, Mike Souchak, and Perry Como, provided he can make arrangements with his sponsors. Admission by ticket only. These may be procured at the Alumni Registration Desk.
11:30 a.m.-1:00 p.m.—Alumni Barbecue. Card Memorial Gymnasium. West Campus.
2:00 p.m.—Varsity Football game. Duke vs. Army. Duke Stadium.
4:30 p.m.—Fraternity Open Houses.
4:30 p.m.—Divinity School Open House. Social Room, Divinity School.
4:30 a.m.—Law School Open House. Lounge, Law School Building.
9:00-12:00 p.m.—Homecoming Dance. Card Memorial Gymnasium. West Campus.

JUNIOR ENGLISH EXAMINATION

The Junior English Examination will be administered on Tuesday, October 20, from 7:00 until 8:30 p.m. Every Junior will be informed by letter as to whether he is to take this examination and to which testing area he is to report.

All Juniors who earned at least a B and a C, or the equivalent, in English 1-2, and all Juniors who had English 1 waived, will be exempted from the Junior English Examination. All other Juniors, including those who had only English 1 at Duke University and all transfer students, will take the examination. (The regulation does not apply to students of the College of Engineering, which has special course requirements in English composition in addition to English 1-2). Students with irregular schedules resulting from acceleration, or transfer to Duke after the Fall of their Junior year, should take the examination in the Fall of the year most nearly approximating their fifth semester. All students except those indicated above must take the examination; it is a requirement for graduation. Students who are proved deficient by this examination will be required to complete satisfactorily a special, noncredit laboratory course in Remedial English.

1959-'60 ALL-STAR ARTISTS' SERIES

Season tickets priced at \$8.00 and \$9.00 are available in 202-A Flowers Building. A check payable to Artists' Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 9011, extension 2911 for further information.

WEEK OF
Oct. 18-24, 1959

WEEK OF
Oct. 18-24, 1959

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 18

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Harry M. Philpott, Vice-President of the University of Florida. Sermon: "Constructive Fanaticism." Broadcast over Radio Station WDNC and WDNC-FM.

8:15 p.m. University Religious Council's Special Observances Committee Lecture: "The Church in Russia Today." Speaker: Dr. Harry Philpott.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, October 19

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speakers: Mr. Julian Harrison and Miss Marilyn Stagner.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Tuesday, October 20

9:00 a.m. The final examination of Mrs. Anu Lodge Gottlieb for the Ph.D. degree in Psychology. Room 204, Bivins Building.

10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor William A. Kale.

4:00 p.m. Mathematics Seminar. Room 138, Physics Building. Speaker: Dr. H. Debrunner.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:00 p.m. Examination in English Usage.

Wednesday, October 21

10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor William A. Kale.

4:00 p.m. Botany Seminar. Room 123, Science Building, East Campus. Speaker: Dr. Holger Brix.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Man in the Raincoat" with Fernandel and Jean Rigaux. The French comic Fernandel delightfully satirizes on a typical murder mystery film. First time in Durham.

7:30 p.m. YMCA-YWCA. Freshman Forum. Music Room, East Duke Building. Speaker: Reverend Howard C. Wilkinson. Topic: "What College Will Do to My Religion."

8:00 p.m. Faculty Club Meeting. University House, corner West Chapel Hill and Duke Streets. Speaker: Mr. George Herbert.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Thursday, October 22

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Robert T. Young.
- 10:30 a.m. The final examination of Mrs. Irene Hasenberg Butter for the Ph.D. degree in Economics. Room 320, Library Tower.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speaker: Professor J. N. Macduff.
- 7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Sigma Xi Meeting. Room 114, Physics Building. Speaker: Dr. Daniel A. Livingstone.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, October 23

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor William A. Kale. Holy Communion.
- 3:00 p.m. Shoe 'n' Slipper Week-end Concert. Indoor Stadium. Larry Elgart and His Orchestra.
- 4:15-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 7:30 p.m. Blanshard Seminar. Room 201, Flowers Building.
- 9:00 p.m.-1:00 a.m. Shoe 'n' Slipper Dance (Informal). Indoor Stadium. Larry Elgart and His Orchestra.

Saturday, October 24

- 8:30 a.m.-3:30 p.m. Joint Meeting of N. C. Chapter of the American Association of Spanish, Portuguese, French, and German. East Duke Building.
- 9:30 a.m. Annual Meeting College English Association. North Carolina-Virginia Regional. See special notice.
- 1:30 p.m. Varsity Football. Duke versus North Carolina State College. Raleigh, N. C.
- 7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Man in the Raincoat" with Fernandel and Jean Rigaux. The French comic Fernandel delightfully satirizes on a typical murder mystery film. First time in Durham.
- 8:15 p.m. Chamber Arts Society: Vegh Quartet. Music Room, East Duke Building.
- 9:00-12:00 p.m. Shoe 'n' Slipper Dance (Formal). Indoor Stadium. Maynard Ferguson and His Orchestra.

THE UNIVERSITY SERVICE OF WORSHIP

The Reverend Doctor Harry M. Philpott, Vice-President of the University of Florida, will deliver the sermon at the University Service of Worship on Sunday morning, October 18th, at 11:00 o'clock in the University Chapel. His subject will be "Constructive Fanaticism."

SUNDAY DENOMINATIONAL MEETINGS

The Baptist Student Union:

Sunday, October 18th

- 9:30 a.m. Sunday School, Local Baptist Churches.
6:15 p.m. Baptist Training Union, Local Baptist Churches.

Wednesday, October 21st

- 5:15 p.m. Supper Forum, East Campus Union.

Lutheran Student Fellowship:

Sunday, October 18th

- 9:45 a.m. Sunday School, Local Lutheran Churches.
11:00 a.m. Worship Service, Local Lutheran Churches.
6:30 p.m. Room 208 Flowers Building (West).

The Methodist Student Fellowship:

Sunday, October 18th

- 9:30 a.m. Sunday School Classes, Methodist Student Center.
6:30 p.m. Worship, Methodist Student Center.
7:15 p.m. Forum: "What Is Faith." Speaker: Dean Harmon Smith.

Wednesday, October 21st

- 6:00 p.m. Holy Communion.

Westminster Fellowship:

Sunday, October 18th

- 9:30 a.m. Bible Class, Room 208 Flowers Building.
6:15 p.m. The Ark, East Campus.

Wednesday, October 21st

- 5:30 p.m. Westminster Supper Club, East Campus Union.

United Student Fellowship:

Sunday, October 18th

- 6:30 p.m. Congregational Christian Church.

Society of Friends:

Sunday, October 18th

- 7:30 p.m. Speaker: Mrs. Susan G. Smith. Subject: "The United Nations and Its Potential for World Peace." Friends Meeting House, 404 Alexander Avenue.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, October 19th, in Room 113, Biology Building, at 4:15 p.m. Two graduate students in the Department will give the seminar, based on the results of their M.A. research. Mr. Julian Harrison will speak on "Size Groups and Their Characteristics in Five Species of *Desmognathus* (Urodeal: *Plethodontidae*).". Miss Marilyn Stagner will speak on "Age and Growth in Two Piedmont Minnows, *Notropis Cerasinus* and *Notropis Albeolus*." Coffee will be served at 4:00 in Room 119 preceding the seminar.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Ann Lodge Gottlieb for the Ph.D. degree in Psychology will be held on Tuesday, October 20th, at 9:00 a.m. in Room 204, Bivins Building. The subject of Mrs. Gottlieb's dissertation is "Effects of Facilitating, Neutral and Inhibiting Instructions on Visual Perception in Brain Damage." The committee to conduct the examination will consist of Professors Oscar A. Parsons, Sigmund Koch, Eliot Rodnick, Karl Zener, and Weston LaBarre. Professor Parsons will preside.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, October 20th, at 4:00 p.m. in Room 138 Physics Building. The speaker, Dr. H. Debrunner, will discuss "An Elementary Approach to Borsuk's Theorems on the Sphere." Coffee will be served at 3:30 p.m. in Room 132.

JUNIOR ENGLISH EXAMINATION

The Junior English Examination will be administered on Tuesday, October 20, from 7:00 until 8:30 p.m. Every Junior will be informed by letter as to whether he is to take this examination and to which testing area he is to report.

All Juniors who earned at least a B and a C, or the equivalent, in English 1-2, and all Juniors who had English 1 waived, will be exempted from the Junior English Examination. All other Juniors, including those who had only English 1 at Duke University and all transfer students, will take the examination. (The regulation does not apply to students of the College of Engineering, which has special course requirements in English composition in addition to English 1-2.) Students with irregular schedules resulting from acceleration, or transfer to Duke after the Fall of their Junior year, should take the examination in the Fall of the year most nearly approximating their fifth semester. All students except those indicated above must take the examination; it is a requirement for graduation. Students who are proved deficient by this examination will be required to complete satisfactorily a special, noncredit laboratory course in Remedial English.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, October 21st, at 4:00 p.m. in Room 123, Science Building, East Campus. Dr. Holger Brix, a Research Associate in Botany at Duke University, will speak on, "Eoetypes and Clines in Forest Trees." Dr. Brix is a graduate of the School of Forestry at Copenhagen. During the past three years, he has been associated with the Tree Improvement Program at the Forest Genetics Laboratory at Texas A & M where he worked on drought resistance in loblolly pine and received the Ph.D. degree.

THE FACULTY CLUB OF DUKE UNIVERSITY

The first meeting of the Faculty Club will be held on Wednesday, October 21st at 8:00 p.m. in University House, corner of West Chapel Hill and Duke Streets.

Mr. George Herbert, President of Research Triangle Institute, will be the speaker of the evening. The title of his talk will be "The Research Triangle Institute and the Triangle Universities."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Irene Hasenberg Butter for the Ph.D. degree in Economics will be held on Thursday, October 22nd, at 10:30 a.m. in Room 320, Library Tower. The subject of Mrs. Butter's dissertation is "Academie Economies in Holland, 1800-1870." The committee to conduct the examination will consist of Professors J. J. Spengler, C. B. Hoover, Allan M. Carter, E. C. Simmons, and S. Koeh. Professor Spengler will preside.

SLIDE RULE LECTURE

The fourth of the Series of Slide Rule Lectures sponsored by Tau Beta Pi and the Order of St. Patrick will be held on Thursday, October 22nd, at 7:00 p.m. in the Engineering Auditorium. The speaker will be Professor J. N. Maeduff.

SIGMA XI

The first meeting of the Duke Chapter, Society of the Sigma Xi will be held on Thursday, October 22nd, at 8:00 p.m. in Room 114, Physics Building. Dr. Daniel A. Livingstone, of the Department of Zoology, will speak on "The History of Lakes." Dr. Livingstone is noted for his contributions to the field of pollen analysis in determining past records on lake development.

BLANSHARD SEMINAR

The Blanshard Seminar, organized to study Paul Blanshard's *American Freedom and Catholic Power*, will take up Chapters 6 and 7, "The Church and Medicine," and "Sex, Birth Control, and Eugenics," on Friday, October 23rd, at 7:30 p.m., in Room 201 Flowers Building.

ANNUAL MEETING COLLEGE ENGLISH ASSOCIATION

North Carolina-Virginia Regional

Duke University

Saturday, October 24, 1959

- 9:30 a.m.—REGISTRATION: Lobby, Men's Graduate Center, Erwin Road and Hospital Drive
- 10:00 a.m.—OPENING SESSION: Lounge, Men's Graduate Center
Presiding: Edgar W. Hirshberg, East Carolina College, Treasurer, CEA (N. C.-Va.)
Greetings: Charles E. Ward, Dean of Undergraduate Studies, Duke University
- 10:15 a.m.—PANEL I: Advanced Standing and Advanced Placement
Chairman: Lodwick Hartley, North Carolina State College
Speaker: L. D. Adams, Assistant Superintendent, Richmond Public Schools
Commentators: Richard K. Meeker, Longwood College
John E. Bridgers, Jr., The Woman's College, University of North Carolina
Recorder: Mary Jane White, Campbell College

11:05-11:45 a.m.—PANEL II: Special Programs for Superior Freshmen and Sophomores
Chairman: C. Hugh Holman, University of North Carolina
Speaker: John Hicks, Research Fellow, Southern Regional Education Board, Stetson University
Commentators: James Howells, Elon College
Robert L. Kellogg, University of Virginia
Recorder: Hobart Jarrett, Bennett College

11:55 a.m.-12:35 p.m.—PANEL III: Recruiting for College Teaching
Chairman: Meredith N. Posey, East Carolina College
Speaker: Fredson Bowers, University of Virginia
Commentators: George L. Abernethy, Davidson College
W. Edward Garrison, North Carolina College
Recorder: Belle M. Hill, Lynchburg College

1:15 p.m.—LUNCHEON: Ballroom, Union Building
Presiding: F. E. Bowman, President, CEA (N. C.-Va.), Duke University
Business Session: Dora Jean Ashe, Vice-President, CEA (N. C.-Va.), Lynchburg College
Greetings: Patrick G. Hogan, CEA Regional Director, Mississippi State University
Introduction of Speaker: Lionel Stevenson, Duke University
Address: The Importance of Literature at the Present Time, Randall Stewart, Vanderbilt University
Local Committee: Carl L. Anderson, Oliver W. Ferguson, S. K. Heniger, Jr., George Williams

FIRST CHAMBER MUSIC CONCERT

The Vegh String Quartet will open the 1959-60 series of concerts to be presented by the Chamber Arts Society on Saturday evening, October 24th. Future concerts scheduled for this season are: Camera Concerti on November 21st; The Netherlands String Quartet on January 23rd; Trio di Bolzano on February 13th; and The Hollywood String Quartet on March 19th. All the concerts will be given in the Music Room, East Duke Building, and will begin at 8:15 p.m.

The program for Saturday Night's concert by the Vegh quartet is as follows:

Beethoven	Quartet in F Major, Opus 135
Bartok	Quartet No. 4 (1928)
Mozart	Quartet in D Major, K. 575

Membership and Admission:

Membership Cards admitting to the 5 concerts are still available and cost \$8.00 (Student \$6.00). The membership card is transferable.

Single admission Guest Cards may be purchased at the door one-half hour before concert time and cost \$2.50 (Student \$2.00).

The Chamber Arts Society is a non-profit organization. For membership enrollment send check and address to Chamber Arts Society, c/o Mrs. Ruth Friedberg, Treasurer, 103½ Hardee Street, Durham, North Carolina.

FACULTY TRAFFIC COURT

The Faculty Traffic Court will meet on Monday, October 28th, at 4:00 p.m. in the Law School Conrrtroom. This court hears the appeals of faculty, staff, and graduate students. Appellants from these groups should appear at this time.

ADVANCE ANNOUNCEMENT HUTCHINSON LECTURE

The Department of Religion announces that Dr. John A. Hutchinson, head of the Department of Religion of Columbia University, will give three lectures November 19th-21th on the subject "Language and Faith." The University Community is invited to these lectures.

MERSHON FELLOWSHIPS

Graduate and Post-Doctoral Fellowships are announced by the Mershon Committee on Education in National Security in a wide variety of fields of interest. Stipends of \$3,000 for graduate fellowships and \$7,500 for post-doctoral fellowships are offered. The deadline for applications is February 15, 1960. Further details may be obtained in Room 220, Allen Building.

1959-'60 ALL-STAR ARTISTS' SERIES

Season tickets priced at \$8.00 and \$9.00 are available in 202-A Flowers Building. A check payable to Artists' Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 9011, extension 2911 for further information.

CHINESE ART EXHIBIT

A traveling exhibition consisting of reproductions in color of selected masterpieces which illustrate traditions of Chinese painting will be on exhibition in the Rear Lobby of East Duke Building through October 19th.

LECTURE SCHEDULE FOR FRESHMAN ENGLISH

For those interested in attending the Freshman English Lectures, the schedule is as follows:

October 19th-20th—Short Stories—Messrs. Gohdes and Anderson

October 26th-27th—Short Stories—Mrs. Bevington and Mr. Harwell

November 2nd-3rd—Short Stories—(Conrad)—Messrs. Bryant and Budd

November 16th-17th—Heart of Darkness—Messrs. Blackburn and Price

November 30th-December 1st—A Farewell to Arms—Messrs. Fenton and Fisher

December 14th-15th—The Great Gatsby—Messrs. Turner and Boyce

January 4th-5th—A Passage to India—Messrs. Smith and Stevenson

Note: Ordinarily the Monday lecturers will lecture on Monday, I (8:10 a.m.) and Monday, VI (2:00 p.m.) and the Tuesday lecturers will lecture on Monday, V (12:50 p.m.) as well as on Tuesday, I (8:10 a.m.) and Tuesday, IV (11:40 a.m.).

Reading assignments are available in the Office of the Department of English.

WEEK OF

Oct. 25-31, 1959

WEEK OF

Oct. 25-31, 1959

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 25

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor H. Shelton Smith, James B. Duke Professor of American Religious Thought, Duke Divinity School. Sermon: "The South Under God." Broadcast over Radio Station WDNC and WDNC-FM.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, October 26

4:00 p.m. Faculty Traffic Court. Law School Court-room.

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. A. W. Sharer.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Tuesday, October 27

10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Hans J. Hillerbrand.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Wednesday, October 28

10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Hans J. Hillerbrand.

11:00 a.m. Meeting of Divinity School Committee on Community Relations. Room 304, Divinity School Building.

4:00 p.m. Botany Seminar. Room 123, Science Building, East Campus. Speaker: Dr. Aubrey W. Naylor.

4:00 p.m. Phi Beta Kappa, Junior Elections. Room 211, Divinity School.

4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. John Altrocchi.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Law and Disorder" with Robert Morley as the intrepid arm of the law and Michael Redgrave with an ingenious hand for disorder. A requested return showing on the Quadrangle Screen. Wednesday Only.

8:00 p.m. Germanic Languages Department Lecture. Room 208, Flowers Building. Speaker: Professor Hans Heinrich Borcherdt.

8:00 p.m. American Association of University Professors Meeting. Union Ballroom. Speakers: Henry Ronse, Marion Sapp, and Wallace Kaufman.

IMPORTANT—Notices for the Duke University Calendar should be submitted
than 1:00 p.m., Thursday. Telephone 2911.

IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later

Thursday, October 29

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. William Ernest Amon.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 6:00 p.m. Religion Concilium Meeting. Men's Graduate Center. Speaker: Dr. Guy H. Ranson.
- 7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, October 30

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor Haus J. Hillerbrand.
- 4:00 p.m. Commonwealth Lecture. Room 117, Social Science. Speaker: Professor Russel Matthews.
- 4:00 p.m. Chemistry Staff Seminar. Room 01, Chemistry Building. Speaker: Dr. Milton Blander.
- 4:15-6:00 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 7:30 p.m. Blanshard Study Group. Room 201, Flowers Building.
- 8:15 p.m. Duke Players present "Macbeth." Page Auditorium.

Saturday, October 31

- 2:00 p.m. Varsity Football. Duke versus Georgia Tech. Atlanta, Georgia.
- 2:00 p.m. Duke Players present "Macbeth." Page Auditorium.
- 2:00-4:00 p.m. Organ Master Class. University Chapel. Guest Organist: Fenner Douglass.
- 8:15 p.m. Duke Players present "Macbeth." Page Auditorium.

THE UNIVERSITY SERVICE OF WORSHIP

The Reverend Doctor H. Shelton Smith, James B. Duke Professor of American Religious Thought, the Divinity School, will deliver the sermon at the University Service of Worship on Sunday morning, October 25th, at 11:00 o'clock in the University Chapel. His subject will be "The South Under God." The order of service follows:

- The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister
- Prelude—"Three Chorale Preludes" Brahms
- Call to Worship—"The Lord Is in His Holy Temple" Harrington

Hymn—"Holy, Holy, Holy"

John B. Dykes

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Freely the Lord Gave His Loving Kindness" Fux

Scripture Lesson—Amos 9: 1-4, 7-8

Hymn—"Once to Every Man and Nation"

Welsh hymn melody

Call to Prayer

The Pastoral Prayer

The Offering

Offertory Organ Interlude

Anthem—"Thy Word Is a Lantern" Purcell

Response—The Doxology

Prayer of Dedication

Sermon—"This South Under God"

Prayer

Benediction

Choral Response—"Sevenfold Amen" Stainer

The Chimes

Postlude—"Carillon" Vierne

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, October 25th,

9:45 a.m. Sunday School, Local Baptist Churches.

6:15 p.m. Training Union, Local Baptist Churches.

Wednesday, October 28th,

6:30 p.m. Baptist Student Forum, East Duke Chapel.

Saturday, October 31st-Monday, November 2nd,
North Carolina Baptist Convention, First Baptist Church, Charlotte, N. C.

Episcopal Student Fellowship:

Sunday, October 25th,

9:30 a.m. Holy Communion, Archbishop Cranmer House.

6:30 p.m. Evening Prayer, Social Hour and refreshments, Archbishop Cranmer House.

Tuesday, October 27th,

7:10 a.m. Holy Communion, Archbishop Cranmer House.

Thursday, October 29th,

8:00 a.m. Holy Communion, Archbishop Cranmer House.

Lutheran Association:

Sunday, October 25th,

9:45 a.m. Sunday School, Local Churches.

6:30 p.m. Joint meeting with Westminster Fellowship and United Student Fellowship, First Congregational Church, Main Street.

1:45-5:30 p.m. N. C. Area of L.S.A. at Lenoir Rhyne College.

Methodist Student Fellowship:

Sunday, October 25th,
9:15 a.m. Worship, Methodist Student Center.
9:30 a.m. Classes, Methodist Student Center.
6:30 p.m. Forum, "The Authority of the Bible,"
Speaker: The Reverend Warren Carr. Methodist Student Center.
7:30 p.m. Worship, Methodist Student Center.

Wednesday, October 28th,

6:00 p.m. Holy Communion, Methodist Student Center.

Thursday, October 29th,

7:30 p.m. Dialogue: Religion and Psychiatry.
Methodist Student Center.

Society of Friends:

Sunday, October 25th,

7:30 p.m. Forum, "Labor and the Steel Strike,"
Speaker: Professor Kenneth Davies, Department of Economics. Friends Meeting House.

United Student Fellowship:

Sunday, October 25th,

6:30 p.m. Joint Meeting of the Lutheran, Westminster, and Student Fellowships. Speaker: Dr. Groenewald, Professor of New Testament Exegesis, University of South Africa. First Congregational Christian Church.

Westminster Fellowship:

Sunday, October 25th,

9:30 a.m. Bible Class, "Westminster Shorter Catechism 6th Question." Room 208, Flowers Building.

6:30 p.m. Joint Meeting of the Lutheran and United Student Fellowships. The Congregational Church, Main Street.

Wednesday, October 28th,

5:30 p.m. Westminster Supper Club, East Campus Union.

Unitarian Fellowship:

Sunday, October 25th,

7:30 p.m. Informal discussion led by Mr. Cyrus M. Johnson and Professor Donald K. Adams. Topic: "Similarities Between Quakers and Unitarians." At the home of Mrs. E. C. Blackburn, 1010 Demerius Street.

FACULTY TRAFFIC COURT

The Faculty Traffic Court will meet on Monday, October 26th, at 4:00 p.m. in the Law School Courtroom. This court hears the appeals of faculty, staff, and graduate students. Appellants from these groups should appear at this time.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, October 26th, at 4:15 p.m. in Room 113, Biology Building. Dr. A. W. Sharer, of the Zoology Department, will speak on "Scotopic Sensitivity of Snakes of the Family Columbidae." Coffee will be served in Room 119 at 4:00 p.m., preceding the seminar.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, October 28th, at 4:00 p.m. in Room 123, Science Building, East Campus. Dr. Aubrey W. Naylor, who has recently returned from England where he spent his sabbatical leave, will speak on "Vistas in British Botany." At the University of Bristol, he continued his research program concerning the biochemistry of amino acid metabolism in plants.

PHI BETA KAPPA ELECTIONS

The regular Fall meeting of Phi Beta Kappa will be held on Wednesday, October 28th, at 4:00 p.m. in Room 211, Divinity School. At this meeting Junior elections will be made. All members are urged to be present.

PSYCHOLOGY COLLOQUIUM

Dr. John Altrocchi, of the Department of Psychology, will address the Psychology Colloquium on Wednesday, October 28th in Room 209, Bivins Building at 4:30 p.m. Dr. Altrocchi will speak on "Perceptions of Self and Others in Repressors and Sensitizers."

GERMANIC LANGUAGES LECTURE

The Department of Germanic Languages and Literature invites all interested persons in the University Community to attend a lecture by Professor Hans Heinrich Borchert of the University of Munich on Wednesday, October 28th at 8:00 p.m. in Room 208, Flowers Building. In celebration of the 200th anniversary of the birth of Friedrich Schiller, Professor Borchert will speak on "Idee und Erfahrung: Schiller als Fuehrer der deutschen Klassik."

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS

There will be an open meeting of the Duke Chapter of the American Association of University Professors on Wednesday, October 28th, at 8:00 p.m., in the Union Ballroom. The subject for the evening will be "The Thoughtful Undergraduate Looks at the Campus and the Faculty." Henry Rouse will speak on "The West Campus Dormitory Situation," Marian

Sapp on "The Quality of Teaching in the Undergraduate Colleges," and Wallace Kaufman on "The Superior Student at Duke University." All members of the University Community are cordially invited to attend.

RELIGION CONCILIJUM MEETING

The next regular Concilium meeting will be held Thursday, October 29th, in one of the private dining rooms in the basement of the Men's Graduate Center. Individuals will purchase their own dinners in the cafeteria of the Men's Graduate Center and take them to the private dining room at 6:00 p.m.

The major topic for discussion will be "The Relevance of the New Testament for a Contemporary Christian Social Ethic." Dr. Guy H. Ransou, Visiting Associate Professor of Christian and Social Ethics, will be the principal speaker.

COMMONWEALTH LECTURE

Professor Russel Matthews, Professor of Commerce at the University of Adelaide, Australia, will present a lecture on "Commonwealth-State Financial Relationships in Australia" on Friday, October 30th at 4:00 p.m. in Room 117, Social Science Building. This lecture is sponsored jointly by the Commonwealth Studies Center and the Department of Economics and Business Administration. The public is cordially invited.

CHEMISTRY STAFF SEMINAR

Dr. Milton Blander of the Oak Ridge National Laboratories will speak at the Chemistry Staff Seminar on Friday, October 30th, at 4:00 p.m. in Room 01 of the Chemistry Building.

The subject of Dr. Blander's address will be "A Quasi-Lattice Model for Molten-Salt Solutions."

All interested persons are invited.

BLANSHARD STUDY GROUP

The Blanshard Study Group's fourth session on Paul Blanshard's *American Freedom and Catholic Power*, postponed last week, will be held on Friday, October 30, at 7:30 p.m., in Room 201, Flowers Building.

DUKE PLAYERS PRESENT "MACBETH"

Duke Players will present "Macbeth" on Friday and Saturday evenings, October 30th and 31st, at 8:15 p.m. in Page Auditorium, with a matinee on Saturday at 2:00 p.m. The Page Box Office will be open

every afternoon from 2:00 until 5:00 p.m. beginning Monday, October 26th for ticket sales and reservations. Reservations may be made by calling 9011, Extension 2911. Persons having season tickets may exchange the first coupon for seats at that time. Individual tickets are one dollar.

ORGAN MASTER CLASS

Mr. Fenner Douglass will conduct a organ master class from 2:00 p.m. to 4:00 p.m. in the chancel of the University Chapel on Saturday, October 31st. There will be no charge for this or for the organ recital on November 1st. Mr. Douglass will speak on "The Problems in Baroque Ornamentation" with demonstrations by class students.

DUKE NURSERY SCHOOL NOTICE

Parents who are interested in sending their three year or four year old child to the Duke University Nursery School, please contact Marie Hinman, Director; University Extension 3673 or 3449.

CALENDAR OF EVENTS

Printed Calendars of Events have been mailed to all members of the faculty and staff. Additions and deletions will be carried in the University weekly *Calendar* and the *Chronicle*. These Calendars are published and distributed as a service of the Student Union House Committee.

1959-'60 ALL-STAR ARTISTS' SERIES SEASON AND INDIVIDUAL TICKET SALES

Season tickets priced at \$8.00 and \$9.00 are available in 202-A Flowers Building. In addition, individual tickets for any of the Series Attractions are now available at \$2.00 and \$2.50 each. A check payable to Artists' Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 9011, extension 2911 for further information. The 1959-'60 Series is as follows:

The National Symphony Orchestra with Philippe Entremont, Piano Soloist	Thursday, November 5th
Isaac Stern, Violinist	Tuesday, December 15th
Roberto Iglesias Ballet Espanol	Friday, February 5th
Gerard Souzay, Baritone	Tuesday, February 16th
The Robert Shaw Chorale and Orchestra	Thursday, March 3rd

WEEK OF
Nov. 1-7, 1959

WEEK OF
Nov. 1-7, 1959

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, November 1

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor William Kenneth Pope, Minister, First Methodist Church, Houston, Texas. Sermon: "Years of Grace." Broadcast over Radio Station WDNC and WDNC-FM.
4:00 p.m. Guest Organ Recital. University Chapel. Guest Organist: Fenner Douglass.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, November 2

- 3:00-5:00 p.m. Registration for Pastors' School and Divinity School Christian Convocation. Information Desk, Flowers Building Lobby.
4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Clement L. Markert.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

- 7:00 p.m. James A. Gray Lecture. Page Auditorium. Speaker: Dr. John Bright.
8:00 p.m. Sigma Xi Lecture. Auditorium of Carroll Hall, U.N.C., Chapel Hill.
8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Prof. S. K. Heninger, Jr.
8:30 p.m. Katherine Bacon in Piano Recital. Woman's College Auditorium.
8:30 p.m. Sermon. University Chapel. Dr. William Kenneth Pope.

Tuesday, November 3

- 9:00 a.m. Special Lecture: Dr. William Wallace Fridy. Room 208, Flowers Building.
9:00 a.m. Special Lecture: Dr. Richard A. Goodling. York Chapel.
10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. William Kenneth Pope.
11:00 a.m. James A. Gray Lecture. Page Auditorium. Dr. John Bright.
2:00 p.m. Special Lecture: Dr. William Wallace Fridy. Room 208, Flowers Building.
2:00 p.m. Special Lecture: Dr. Richard A. Goodling. York Chapel.
4:00 p.m. Mathematics Seminar. Room 138, Physics Building. Speaker: Dr. J. R. Shoenfield.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
4:45 p.m. University Religious Council sponsors: Panel on Christianity Under Communism. Men's Graduate Center Lounge.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 6:30 p.m. Away Football Movies. Page Auditorium.
- 7:00 p.m. James A. Gray Lecture. York Chapel. Dr. John Bright.
- 8:15 p.m. Student Union Lecture: Dr. Ralph E. Lapp. Page Auditorium.
- 8:30 p.m. Sermon. University Chapel. Dr. William Kenneth Pope.

Wednesday, November 4

- 9:00 a.m. Special Lecture: Dr. Fridy. Room 208, Flowers Building.
- 9:00 a.m. Special Lecture: Dr. Goodling. York Chapel.
- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. William Wallace Fridy.
- 11:00 a.m. James A. Gray Lecture. Page Auditorium. Dr. John Bright.
- 12:30 p.m. Divinity School Alumni Luncheon. Union Ballroom.
- 4:00 p.m. Botany Seminar. Room 123, Science Building, East Campus. Speaker: Dr. V. J. Chapman.
- 4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Charles D. Spielberg.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Last Hurrah" with Spencer Tracy, Basil Rathbone, Jeffrey Hunter, and Donald Crisp. Directed by John Ford and from the best-selling novel by Edwin O'Connor, this film engagingly portrays a page from the life of one of the last of America's old-fashioned politicians.
- 7:30 p.m. YMCA-YWCA Freshman Forum. Music Room, East Duke Building. Speaker: Dean Robert Cox.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium, Physics Building. Speaker: Dr. Wilfred Good.

Thursday, November 5

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. William Ernest Amon.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

- 8:15 p.m. Artists' Series: The National Symphony Orchestra with Howard Mitchell, conductor, and Philippe Entremont, Piano Soloist. Page Auditorium.

Friday, November 6

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Garland Bennett.
- 2:00 p.m. Registration for Carolina-Virginia Fall Regional Conference of N.S.A.
- 4:15 p.m. Duke Marching Band Rehearsal. Coombs Field.
- 7:30 p.m. Blanshard Study Group. Room 201, Flowers Building.
- 8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.

Saturday, November 7

- 2:00 p.m. Varsity Football. Duke versus Clemson College. Clemson, South Carolina.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Last Hurrah" with Spencer Tracy, Basil Rathbone, Jeffrey Hunter, and Donald Crisp. Directed by John Ford and from the best-selling novel by Edwin O'Connor, this film engagingly portrays a page from the life of one of the last of America's old-fashioned politicians.
- 8:00 p.m. International Club Party. Hartman's Lake.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. W. Kenneth Pope, Minister, First Methodist Church, Houston, Texas, will deliver the sermon at the University Service of Worship on Sunday morning, November 1st, at 11:00 o'clock in the University Chapel. His subject will be "Years of Grace." The order of service follows:

FENNER DOUGLASS ORGAN RECITAL

Guest artist for the November 1st Organ Recital in the University Chapel will be Fenner Douglass, distinguished organist and Associate Professor of Organ at Oberlin Conservatory of Music, Oberlin, Ohio. The public is cordially invited to attend this recital at four o'clock, Sunday afternoon.

Professor Douglass has played concerts in Cleveland, Chicago, Boston, and a number of other U.S. cities as well as abroad in Holland and Denmark. At present, aside from his teaching duties at the Conservatory, he is organist at First Church, Oberlin. His program will include:

Eugeue Gigout (1844-1925)	Grand Choeur Dialogue
Cesar Franck (1822-1890)	Choral #2, in B Minor
Johann Sebastian Bach (1685-1750)	Prelude and Fugue in B Minor
Oliver Messiaen (1908-)	Messe de la Pentecote
	Entree (Les Langues de feu)
	Communion (Les oiseaux et les sources)
	Sortie (Le vent de l'Esprit)

SUNDAY DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, November 1st,
9:45 a.m. Sunday School, Local Baptist Churches.
6:15 p.m. Training Union, Local Baptist Churches.
Wednesday, November 4th,
6:30 p.m. Panel—Denominational Chaplains, "What Is the Church?"
October 30th-November 1st,
Baptist Student Convention, Charlotte, North Carolina.

Episcopal Student Fellowship:

Sunday, November 1st,
9:30 a.m. Holy Communion, Archbishop Cranmer House.
8:00 p.m. Evening Prayer: Bishop Hines, Duke Chapel.
Tuesday, November 3rd,
7:10 a.m. Holy Communion, Archbishop Cranmer House.
Thursday, November 5th,
8:00 a.m. Holy Communion, Archbishop Cranmer House.

Lutheran Student Association:

Sunday, November 1st,
9:45 a.m. Sunday School, Local Churches.
6:30 p.m. Panel Discussion: "What the Reformation Means to Me." Participants: Professor Egil Grislis of the Divinity School Faculty and various denominational representatives. Room 208, Flowers Building.

Methodist Student Fellowship:

Sunday, November 1st,
9:30 a.m. Classes, Methodist Student Center.
6:30 p.m. Worship. Preacher: The Reverend Bob Johnson. The Methodist Student Center.
7:15 p.m. Forum, "Theology and Campus Choices."
Speaker: Dr. Waldo Beach.
Wednesday, November 4th,
6:00 p.m. Holy Communion, Methodist Student Center.

Society of Friends:

Sunday, November 1st,
7:30 p.m. Forum, "Australia." Speaker: Professor Russell Matthews, Professor of Commerce at the University of Adelaide, Australia. Friends Meeting House, 404 Alexander Street.

Westminster Fellowship:

October 31st-November 1st,
Presbyterian Synod of North Carolina. Westminster Fellowship Retreat, Camp New Hope.
Wednesday, November 4th,
5:30 p.m. Westminster Supper Club, East Campus Union.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, November 2nd, in Room 113 of the Biology Building at 4:15 p.m. Dr. Clement L. Markert will speak on "Genes and the Chemical Basis of Embryonic Development." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

SIGMA XI LECTURE

The Sigma Xi Chapters of Duke University, The University of North Carolina, and North Carolina State College announce a public lecture by Professor R. F. Dawson, Professor of Plant Biochemistry of Columbia University. Dr. Dawson will speak on "The Biosynthesis of Tobacco Alkaloids." The lecture will be held in the Auditorium of Carroll Hall, University of North Carolina, Chapel Hill, on Monday, November 2nd, at 8:00 p.m.

KATHERINE BACON IN PIANO RECITAL

The Department of Aesthetics, Art, and Music will present a recital by the English pianist, Katherine Bacon, on Monday evening, November 2nd, at 8:30 p.m. in the Woman's College Auditorium. Well-known as a performer and teacher, Miss Bacon has been a faculty member at the Juilliard School of Music since 1940. The public is cordially invited to attend her program which will be as follows:

I

Prelude, Fugue and Variation (Transcribed by Harold Bauer)	Cesar Franck
Sonata in C major, Op. 53 (Waldstein)	Beethoven
Allegro con brio	
Adagio molto	
Allegretto moderato—Prestissimo	

II

Impromptu in G flat, Op. 90	Schubert
Three Etudes from Op. 25	Chopin
A flat	
F minor	
F major	

Nocturne in D flat, Op. 27, No. 2	Chopin
Scherzo in C sharp minor, Op. 39	Chopin

III

Jeux d'eau	Ravel
Two Preludes	Rachmaninoff
G sharp minor	
E flat	

Sonata No. 3	Prokofieff
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ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m. on Monday, November 2nd in the Green Room of East Duke Building. The speaker will be Professor S. K. Henninger, Jr., of the English Department, who will discuss "Some Perversions of Pastoral." Old members are urged to renew their memberships, and a cordial welcome is extended to guests and new members.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, November 3rd, at 4:00 p.m. in Room 138 of the Physics Building. The speaker, Dr. J. R. Shoenfield will discuss "Constructable and Analytical Sets." Coffee will be served at 3:30 p.m. preceding the seminar in Room 132.

STUDENT UNION LECTURE DR. RALPH E. LAPP: "MAN, SPACE, AND THE ATOM"

Appearing as the first speaker in the annual Student Union's Lecture Series will be Dr. Ralph E. Lapp, who will speak on "Man, Space and the Atom" at 8:15 p.m. on Tuesday, November 3rd, in Page Auditorium. Dr. Lapp, author of a total of seven books on radiation and nuclear science, received his doctorate in cosmic ray physics from the University of Chicago. Presently serving as a private consultant to industry, Dr. Lapp was division director of the Manhattan Project during World War II and later was scientific advisor to the War Department's gen-

eral staff. In 1948 he went to the Navy Department to head the nuclear physics branch of the Office of Naval Research. Dr. Lapp is a member of the American Institute of Physics and the American Association for the Advancement of Science.

A reception open to the public will be held in Flowers Lounge following Dr. Lapp's address.

**UNIVERSITY RELIGIOUS COUNCIL
PANEL DISCUSSION**

The Graduate Religious Life Committee of the University Religious Council will sponsor a panel discussion entitled "What Price Survival?" to be held on Tuesday, November 3rd, in the Men's Graduate Center Lounge at 4:45 p.m. All graduate students are cordially invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, November 4th, at 4:00 p.m. in Room 123, Science Building, East Campus. Dr. V. J. Chapman will speak on "Algal Metabolism in Relation to Zonation." Dr. Chapman is a professor of marine botany at the University of Auckland, New Zealand, and formerly a University Demonstrator in Botany at Cambridge. His contributions include two books: **An Introduction to the Study of Algae** (1941) and **Seaweeds and Their Uses** (1950), and numerous papers on algae, halophytes, and salt marsh ecology.

PSYCHOLOGY COLLOQUIUM

The speaker at the Psychology Colloquium on Wednesday, November 4th will be Dr. Charles D. Spielberger of the Department of Psychology. His topic will be "The Effects of Anxiety on Cognitive Behavior." The Colloquium will be held in Room 209, Bivins Building, at 4:30 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

There will be a meeting of the Joint Duke-U.N.C. Physics Colloquium Wednesday evening, November 4th at 8:00 p.m. in the Physics Building, University of North Carolina, Chapel Hill, North Carolina.

The speaker will be Dr. Wilfred Good from Oak Ridge National Laboratories, Oak Ridge, Tennessee. The topic will be "Millimicrosecond Pulse Techniques in Neutron Physics."

**ARTISTS' SERIES PRESENTS
NATIONAL SYMPHONY ORCHESTRA**

On Thursday, November 5th, at 8:15 p.m. in Page Auditorium the National Symphony Orchestra, with Howard Mitchell conducting, will open the 1959-60 Duke University Artists' Series. The Orchestra, with a complement of 96 musicians, comes to the campus following a highly successful twelve-week good will tour of Central and South America in co-operation with the President's Special International Program for Cultural Presentations. Appearing with the Symphony as solo pianist will be the brilliant French prodigy, Philippe Entremont. The program follows:

HAYDN	Symphony No. 98 in B Flat Major Adagio—Allegro Adagio cantabile Menuetto: Allegro Finale: Presto-piu moderato
PROKOFIEFF	Concerto No. 3 in C for Piano and Orchestra Andante—Allegro Theme and variations Allegro, ma non troppo (Mr. Entremont)
BRAHMS	INTERMISSION Symphony No. 1 in C Minor Un poco sostenuto—allegro Andante sostenuto Un poco allegretto e grazioso Adagio—Allegro non troppo ma con brio

BLANSHARD STUDY GROUP

The Blaushard Study Group will hold its fifth session on Paul Blanshard's **American Freedom and Catholic Power** on Friday, November 6th, at 7:30 p.m. in Room 201, Flowers Building. Chapters 10 and 11, "Science, Scholarship, and Superstition," and "Fascism, Communism, and Labor" will be taken up during this session.

INTERNATIONAL CLUB PARTY

The International Club will hold its first cabin party of the year on Saturday, November 7th, from 8:00 to 12:00 p.m. at Hartman's Lake on the Raleigh-Durham Airport Road. A "Beauvik" theme will be carried out, with a four man combo providing the musical entertainment. Rides will leave the East Campus Circle promptly at 7:45 p.m.

**CHANGE OF DATE
CALENDAR OF EVENTS**

Chamber Arts Society—Camera Concerti
From: Saturday, November 21, 1959
To: Friday, April 8, 1960
8:15 p.m.—Music Room—East Duke Building

RESEARCH ASSOCIATESHIPS

The National Academy of Sciences—National Research Council announces Post-doctoral Research Associateships of various kinds and with various stipends. Deadlines for applications are January 4, 1960 and February 1, 1960. Further information may be obtained in Room 220, Allen Building.

**ADVANCE NOTICE
TRINITY COLLEGE HISTORICAL
SOCIETY MEETING**

Professor George Curry of the Department of History at the University of South Carolina will address the Triuity College Historical Society on "Wilson, Smuts, and the Versailles Settlement" on Monday, November 9th, at 6:00 p.m. in the private dining room of the Men's Graduate Center. All friends and members of the Society are invited to attend. Those planuing to attcud are requested to give their names and uumber of guests to Douald G. Mathews in care of the History Departmeut in Alleu Buildiug or in Carrel 613 of the Library.

WEEK OF
Nov. 8-14, 1959

WEEK OF
Nov. 8-14, 1959

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, November 8

Denominational Meetings. See special notice.

- 10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor McMurry S. Richey, Associate Professor of Theology and Christian Nurture, the Divinity School. Sermon: "On Being More and Less Religious Than We Think." Broadcast over Radio Station WDNC and WDNC-FM.
- 8:15 p.m. Sorority-Fraternity Sing. Woman's College Auditorium.
- 9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, November 9

- 12:45-1:45 p.m. University Religious Council Discussions: "The Organization Man." Dining Room A of the Men's Graduate Center.
- 4:00 p.m. Engineering Faculty Council Meeting. Conference Room of the Engineering Building.
- 4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Charles E. Wilde.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 6:00 p.m. Trinity College Historical Society Meeting. Private Dining Room, Men's Graduate Center.

- 7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

Tuesday, November 10

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. John W. Carlton.
- 10:30 a.m.-12:30 p.m. Campus Club Informal Morning Coffee. University House.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 6:30 p.m. Away Football Movies. Page Auditorium.
- 7:30 p.m. ASCE Meeting. Auditorium of the Engineering Building. Speaker: Dr. Sudhir Kumar.

Wednesday, November 11

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. John W. Carlton.
- 4:00 p.m. Botany Seminar. Room 123, Science Building, East Campus. Speaker: Mr. Maximo Cerame-Vivas.
- 4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Gregory A. Kimble.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Too Many Crooks" with Terry-Thomas, George Cole, and Brenda De Branzie. A British crime-wave of laughter that proves how difficult it is to make a dishonest living. First time in Durham.

8:15 p.m. Little Symphony Concert. Woman's College Auditorium.

Thursday, November 12

10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Leo Thompson.

4:00 p.m. Undergraduate Faculty Council Meeting. Room 208, Flowers Building

4:30 p.m. Symposium Committee Meeting. Room 201, Flowers Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. Dramatic Reading of "King Lear." Music Room, East Duke Building.

7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, November 13

Dad's Day Week-end.

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. John W. Carlton.

4:00 p.m. Chemistry Staff Seminar. Room 01, Chemistry Building. Speaker: Dr. J. C. Shivers.

4:00-6:00 p.m. Dad's Day Registration. Flowers Lounge.

4:15 p.m. Duke Marching Band Rehearsal. Coombs Field.

5:30 p.m. Dad's Day Reception. Flowers Lounge.

6:00 p.m. Dad's Day Banquet. Cafeterias B and C, Union Building.

7:30 p.m. Blanshard Study Group. Room 201, Flowers Building.

8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.

8:15 p.m. Dad's Day Concert. Page Auditorium.

Saturday, November 14

8:00 a.m.-12:00 p.m. Opportunity for Dads to attend class with Sons.

12:00 p.m. Barbecue Picnic. Card Gymnasium.

2:00 p.m. Varsity Football. Duke versus Wake Forest College. Duke Stadium.

4:15 p.m. Student Union Open House. Union Ballroom.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Too Many Crooks" with Terry Thomas, George Cole, and Brenda De Branzie. A British crime-wave of laughter that proves how difficult it is to make a dishonest living. First time in Durham.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. McMurry S. Richey, Associate Professor of Theology and Christian Nurture, the Divinity School, will deliver the sermon at the University Service of Worship on Sunday morning, November 8th, at 11:00 o'clock in the University Chapel. His subject will be "On Being More and Less Religious Than We Think."

SUNDAY DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, November 8th,

9:45 a.m. Sunday School, Local Baptist Churches.

6:15 p.m. Training Union, Local Baptist Churches.

Wednesday, November 11th,

6:30 p.m. Student Vespers, East Duke Chapel.

Episcopal Student Fellowship:

Sunday, November 8th,

9:45 a.m. Holy Communion, Archbishop Cranmer House.

8:00 p.m. Evening Prayer, Archbishop Cranmer House.

Tuesday, November 10th,

7:10 a.m. Holy Communion, Archbishop Cranmer House.

Thursday, November 12th,

8:00 a.m. Holy Communion, Archbishop Cranmer House.

Lutheran Student Association:

Sunday, November 8th,

9:45 a.m. Sunday School, Local Churches.

6:30 p.m. L.S.A., Student, John Grauerholz, Leader, Room 208, Flowers Building.

Methodist Student Fellowship:

Sunday, November 8th,

9:30 a.m. Classes, Methodist Student Center.

6:30 p.m. Worship, Methodist Student Center.

7:00 p.m. Joint meeting with Episcopalians on "Problems of Church Union."

Wednesday, November 11th,

6:00 p.m. Holy Communion, Methodist Student Center.

Society of Friends:

Sunday, November 8th,

7:30 p.m. Forum, "The Problem of Responsibility." Speaker: Dr. Waldo Beach. Friends Meeting House, 404 Alexander Street.

Westminster Fellowship:

Sunday, November 8th,

9:30 a.m. Bible Class, Room 208, Flowers Building.

6:15 p.m. Westminster Fellowship, The Ark, East Campus.

Wednesday, November 11th,

5:30 p.m. Westminster Supper Club, East Campus Union.

Unitarian Fellowship:

Sunday, November 8th,

7:30 p.m. Speaker: Dr. J. Kenneth Davies. Topic: "The Practical Faith of the Mormon Church." Room 201, Flowers Building.

LITTLE SYMPHONY CONCERT

A special program of music for small orchestra will be presented on Wednesday evening, November 11th, at 8:15 p.m. in the Woman's College Auditorium, East Campus. A forty-eight piece orchestra made up of selected members of the Duke Symphony and musicians from the Raleigh-Durham-Chapel Hill communities will be conducted by Allan H. Bone. Soloists are John K. Hanks, Tenor, Alice Wilkinson, Pianist, and Allan Bone, Clarinetist. The program is jointly sponsored by the Department of Aesthetics, Art and Music and the American Federation of Musicians.

The public is most cordially invited to attend. There is no admission charge. The program follows:

Gretry-Mettl	Ballet Suite: "Cephale et Proeris"
	Tambourin
	Menuetto (Les Nymphes de Diane)
	Gigue
Samuel Barber	Four Songs
	Nocturne (Prokoseh)
	Monks and Raisins (Villa)
	Sure on this shining night (Agee)
	I hear an army (Joyee)
	John K. Hanks, Tenor Soloist
Igor Strawinsky	Suite No. 2 for small orchestra (1921)
	Marche
	Valse
	Polka
	Galop

INTERMISSION

Handel-Barbirolli	Concerto for Clarinet and Strings
	Andante
	Allegro
	Largo
	Allegro

Allan Bone, Clarinet Soloist

IN HOMAGE:

Ernest Bloch	Concerto Grosso for String Orchestra and Piano Obbligato
	Prelude and Fugue
	Alice Wilkinson, Pianist

Ralph Vaughan Williams

Fantasia on "Greensleeves"

Bohuslav Martinu	Little Suite from "Comedy on the Bridge"
	Poco allegro
	Andantino poco moderato
	Marcia

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council Meeting will be held on Thursday, November 12th, at 4:00 p.m. in Room 208, Flowers Building.

DRAMATIC READING OF "KING LEAR"

There will be an informal dramatic reading of "King Lear" on Thursday, November 12th, at 7:30 p.m. in the Music Room of East Duke Building.

The various parts will be read by members of the faculty and student body with Professor William Blackburn appearing as Lear. Other faculty members participating include: George Williams, Cooper Speaks, Alan Klugston, Reynolds Price, and Andrew Hook. The public is cordially invited to attend.

CHEMISTRY STAFF SEMINAR

Dr. J. C. Shivers, Research Manager of the Nylon Technical Division of the E. I. DuPont de Nemours & Company, will speak at the Chemistry Staff Seminar on Friday, November 13th, at 4:00 p.m. in Room 01 of the Chemistry Building.

The subject of Dr. Shivers' address will be "Structure-Property Relationships in Synthetic Fibers." All interested persons are invited.

DAD'S DAY CONCERT

The Duke University Men's Glee Club, Women's Glee Club and Chapel Choir will present the Dad's Day Concert under the direction of Professor Paul Young in Page Auditorium on Friday, November 13th, at 8:15 p.m.

Tickets, priced at one dollar, are available from Glee Club members and will be sold Thursday afternoon and Friday in front of the Dope Shop on West Campus and East Union on East Campus. Tickets may also be purchased at the Page Box Office on the night of the performance. The program follows:

I

Come to Me, Bend to Me	Loewe
	Arr. by Victor Lamont
One Flower Grows Alone in Your Garden	Romberg

Arr. by Douglas MacLean

Women's Glee Club

II

Valses Nobles (I)	Schubert
Longing	Arr. by Eusebius Mandyczewski
Home Thoughts	
Awakening	
The Proposal	

Discovery

Advisee

Valses Nobles (II)	Schubert
The Gossips	Arr. by Eusebius Mandyczewski
Wormwood	
The Nest	
Two by Two Together	

The Danee

Bridal Eve

Women's Glee Club

III

Great Is Our Lord	Schutz
God in Nature	Schubert

Women's Glee Club

IV

Give Ear, Oh Lord	Schutz
Alleluia Chorus	Handel
	Arr. by Charles D. Dawe

Men's Glee Club

V

Tarantella	Raudall Thompson
	Men's Glee Club

INTERMISSION

VI

Maiden Fair, O Deign to Tell	Haydn
Po' Mourner's Got a Home at Last	Negro Spiritual
	Arr. by Marshall Bartholomew

Cindy	Kentucky Mountain Song
	Arr. by Arthur Hall

Black Is the Color of My True Love's Hair	Appalachian Folk Song
	Arr. by Stuart Churchill

Kansas City	Rodgers
	Men's Glee Club

VII

The Peaceable Kingdom	Randall Thompson
I Say ye to the righteous	
IV Howl ye	
V The paper reeds by the brooks	
VII Have ye not known?	
VIII Ye shall have a song	

Chapel Choir

INTER-FRATERNITY-SORORITY SING

The annual Inter-Fraternity-Sorority Sing will be held on Sunday evening, November 8th, at 8:15 p.m. in the Woman's College Auditorium. The finalists from the preliminary competitions among the sororities and the fraternities will compete in this final contest. The public is cordially invited to attend.

UNIVERSITY RELIGIOUS COUNCIL DISCUSSIONS THE ORGANIZATION MAN

All members of the Duke University Faculty are invited to attend a series of luncheon discussions of Whyte's *The Organization Man*. The discussions will be sponsored by the Faculty Program Committee of the University Religious Council. The first discussion will be held on Monday, November 9th, from 12:45 to 1:45 p.m. in Dining Room A of the Men's Graduate Center. Those planning to attend are requested to arrive earlier if possible in order to permit time for going through the regular cafeteria line.

ENGINEERING FACULTY COUNCIL MEETING

The Engineering Faculty Council will meet on Monday, November 9th, at 4:00 p.m. in the Conference Room of the Engineering Building.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, November 9th, in Room 113 of the Biology Building, at 4:15 p.m. Dr. Charles E. Wilde, School of Dentistry, University of Pennsylvania, will speak on, "Some Aspects of Cellular Differentiation in Vertebrates." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

Professor George Curry of the Department of History at the University of South Carolina will address the Trinity College Historical Society on "Wilson, Smuts, and the Versailles Settlement" on Monday, November 9th, at 6:00 p.m. in the private dining room of the Men's Graduate Center. All friends and members of the Society are invited to attend. Those planning to attend are requested to give their names and number of guests to Donald G. Mathews in care of the History Department in Allen Building or in Carrel 613 of the Library.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, November 11th, at 4:00 p.m. in Room 123, Science Building, East Campus. Mr. Maximo Cerame-Vivas will speak on, "Some Ecological Aspects of the Dinoflagellate, *Pyrodinium bahamense*." Mr. Cerame-Vivas is a graduate student of Zoology. Before coming to Duke, he was an Instructor of Biology at the University of Puerto Rico. His interest in dinoflagellates stems from his work on vertical migrations of plankton in the Parguera area on the southern coast of Puerto Rico.

ASCE MEETING

The Student Chapter of the American Society of Civil Engineers will meet at 7:30 p.m. on Tuesday, November 10th, in the Engineering Auditorium. The speaker will be Dr. Sudhir Kumar who will discuss "Some Design Problems in Ordnance." The public is cordially invited to attend the lecture.

CAMPUS CLUB INFORMAL MORNING COFFEE

The November meeting of the Campus Club will be in the form of an informal morning coffee, held from 10:30 a.m. until 12:30 p.m. in the University House on Tuesday, November 10th.

The hostesses will be from the Chemistry and Physics Departments. For those who come in costumes representing the title of a book or play, a first and second prize will be awarded. Mrs. Lionel Stevenson is Program Chairman.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Wednesday, November 11th, in Room 209, Bivins Building, at 4:30 p.m. Dr. Gregory A. Kimble, of the Psychology Department, will address the group on "The Nature and Significance of Classical Conditioning."

NUCLEAR STUDIES RESEARCH GRANTS

The Oak Ridge Institute of Nuclear Studies has issued a twenty-four page illustrated brochure describing the research participation opportunities for college and university faculty members that exist in Oak Ridge.

This program, which is administered by the Orns University Relations Division, provides faculty members with appointments of from three months to a year on research staffs of Oak Ridge laboratories.

Copies of the new brochure and application blanks are available from the Orns University Relations Division, P. O. Box 117, Oak Ridge, Tennessee. Applications for summer appointments (of three months' minimum duration) should be submitted to Orns with letters of recommendation by December 15th.

RUSSIAN STUDENTS VISIT CAMPUS

The group of twelve Russian students who will be the guests of the University will arrive on November 19th. Plans for them include attendance at the Wake Forest football game, visits to the University Hospital and the Bell Laboratory, a tour of Liggett and Myers, receptions on both campuses, and a press conference. They will also visit the University of North Carolina and North Carolina College. They will be housed on West Campns.

ARTISTS' SERIES TICKETS AVAILABLE

Individual tickets for the remaining concerts on the 1959-'60 Artists' Series schedule, priced at \$2.50 and \$2.00, may be secured in Room 202-A Flowers Building, or by calling Extension 2911.

The four remaining concerts are as follows:

Isaac Stern, Violinist	Tuesday, December 15
Roberto Iglesias Ballet Espanol	Friday, February 5
Gerard Souzay, Baritone	Tuesday, February 16
The Robert Shaw Chorale and Orchestra	Thursday, March 3

WEEK OF
Nov. 15-21, 1959

WEEK OF
Nov. 15-21, 1959

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, November 15

- Denominational Meetings. See special notice.
- 10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
- 11:00 a.m. University Service of Worship. Dad's Day. University Chapel. Preacher: The Reverend Doctor Paul Hardin, Jr., Minister, First Methodist Church, Birmingham, Alabama. Sermon: "Let the Redeemed Say So!" Broadcast over Radio Station WDNC and WDNC-FM.
- 4:00 p.m. Student Union Intermezzo. Southgate Dormitory. Co-sponsored by Music and Arts Committee of Student Union and Southgate Dormitory.
- 7:00 p.m. Handel Festival. Methodist Student Center.
- 8:15 p.m. DocuDrama: "Which Way the Wind." Fellowship Hall, Presbyterian Student Center, Chapel Hill, N. C.
- 9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, November 16

- 4:15 p.m. Forestry Seminar. Room 322, Social Science Building. Speaker: Dr. T. E. Maki.
- 4:15 p.m. Zoology Seminar. Room 113, Biology Building. Speaker: Dr. E. B. Ford.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

- 7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

Tuesday, November 17

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Richard A. Goodling.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Katharine Gilbert Memorial Lecture: Dr. Milton Nahm. Music Room, East Duke Building.

Wednesday, November 18

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Richard A. Goodling.
- 10:30 a.m. Nahm Seminar. Asbury Auditorium.
- 11:00 a.m. Divinity School Assembly. York Chapel. Speaker: Reverend Carl Judy.
- 2:00-4:00 p.m. Physical Therapy Department Open House. Room 056, Duke University Medical Center.
- 4:00 p.m. Botany Seminar. Room 123, Science Building, East Campus. Speaker: Dr. Alan H. Haber.
- 4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Harold B. Gerard.
- 6:30-11:00 p.m. Gothic Book and Art Auction. Room 208, Flowers Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "My Uncle" with Jacques Tati. In Eastman Color. Academy Award Winner. —"The Best Foreign Film of the Year!" "Leaves you helpless with laughter!"—Zunser.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 7:30 p.m. Basketball Ladies Night. Indoor Stadium.
8:00 p.m. Duke-U.N.C. Philosophy Colloquium. Room 212, West Duke Building. Speaker: Professor Milton Nahn.
8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114, Physics Building. Speaker: Professor R. H. Dalitz.

Thursday, November 19

- 9:00-12:30 p.m. Department of Psychiatry Conference. Men's Graduate Center.
10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Gerald Vaiden.
2:00 p.m. The final examination of Mr. David S. Barkley for the Ed.D. degree in Education. Room 08A, West Duke Building.
2:00-5:00 p.m. Department of Psychiatry Conference. Men's Graduate Center.
3:00-5:00 p.m. Newcomers Club Tea. Home of Mrs. Paul Gross, 3816 Dover Road.
3:00-5:00 p.m. Pi Beta Phi Mountain Craft Sale. Clubhouse of the Duke University Golf Course.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
5:30 p.m. Faculty Volleyball. Indoor Stadium.
6:00 p.m. Concilium Meeting. Private dining room, Men's Graduate Center. Speaker: Dr. Hugh Anderson.
7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.
8:15 p.m. Religion Lecture. Room 208, Flowers Building. Speaker: Dr. John A. Hutchison.

Friday, November 20

- 9:00-12:30 p.m. Department of Psychiatry Conference. Men's Graduate Center.
10:10 a.m. Divinity School Morning Chapel. Holy Communion. York Chapel. Dr. Richard A. Goodling.
2:00-5:00 p.m. Department of Psychiatry Conference. Men's Graduate Center.
4:15 p.m. Duke Marching Band Rehearsal. Coombs Field.
8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.
8:15 p.m. Duke Players present a reading of "The Flies" by Jean-Paul Satre. Branson Hall. Admission free.
8:15 p.m. Duke Symphony Concert. Page Auditorium.
8:15 p.m. Religion Lecture. Room 208, Flowers Building. Speaker: Dr. John A. Hutchison.

Saturday, November 21

- 9:30 a.m.-12:00 noon. Department of Psychiatry Conference. Men's Graduate Center.
2:00 p.m. Duke-UNC Freshman Football Game. Seventh Annual Cerebral Palsy Football Classic. Kenan Stadium, Chapel Hill, North Carolina.
3:00 p.m. Religion Lecture. Room 208, Flowers Building. Speaker: Dr. John A. Hutchison.
7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "My Uncle" with Jacques Tati. In Eastman Color. Academy Award Winner.—"The Best Foreign Film of the Year!"—"Leaves you helpless with laughter!"—Zunser.
8:15 p.m. Duke Players present a reading of "The Flies" by Jean-Paul Satre. Branson Hall. Admission free.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Paul Hardin, Junior, Minister of the First Methodist Church, Birmingham, Alabama, will deliver the sermon at the University Service of Worship on Sunday morning, November 15th, at 11:00 o'clock in the University Chapel. His subject will be "Let the Redeemed Say So!"

SUNDAY DENOMINATIONAL MEETINGS

- Baptist Student Union:*
Sunday, November 15th,
9:45 a.m. Sunday School, Local Baptist Churches.
6:15 p.m. Training Union, Local Baptist Churches.
Wednesday, November 18th,
5:15 p.m. Thanksgiving Dinner and Program, East Campus Union.
Episcopal Student Fellowship:
Sunday, November 15th,
9:30 a.m. Holy Communion. Episcopal Student Center.
6:30 p.m. Canterbury Club. Speaker: Rev. L. B. Sherman.
Tuesday, November 17th,
7:10 a.m. Holy Communion. Episcopal Student Center.
Thursday, November 19th,
8:00 a.m. Holy Communion. Episopal Student Center.
Methodist Student Association:
Sunday, November 15th,
9:15 a.m. Worship, Methodist Student Center.
9:30 a.m. Classes, Methodist Student Center.
5:00 p.m. Fellowship Supper and Congregational Meeting, Methodist Student Center.
7:00 p.m. Handel Concert, Methodist Student Center.
Wednesday, November 18th,
6:00 p.m. Holy Communion. Methodist Student Center.
United Student Fellowship:
Sunday, November 15th,
6:30 p.m. Meeting with Westminster Fellowship, The Ark, East Campus. Speaker: Dr. T. A. Langford. Topic: "Existentialism." Rides from the Chapel at 6:15 p.m.
Westminster Fellowship:
Sunday, November 15th,
9:30 a.m. Bible Class. Topic: "Westminster Shorter Catechism, The Eighth Question," Room 208, Flowers Building.
6:15 p.m. Westminster Fellowship. Speaker: Dr. Thomas Langford; Topic: "Existentialism." The Ark, East Campus.
Wednesday, November 18th,
5:30 p.m. Westminster Supper Club. East Campus Union.

Association of Friends:

Sunday, November 15th,

8:15 p.m. Docudrama: "Which Way the Wind?" Fellowship Hall, Presbyterian Student Center, Chapel Hill, North Carolina.

Newman Club:

Sunday, November 15th,

8:00 p.m. Panel Discussion: "The Changing Image of the Catholic Church Today," Room 208, Flowers Building. Speakers: Dr. Wadih Saleh, Egypt; Dr. Ivo O'Sullivan, Ireland; Dr. Neal Dow, France.

INTERMEZZO

The Student Union Music and Arts Committee, co-sponsoring with Southgate Dormitory, presents its first Intermezzo program of the year on November 15th at four o'clock in the Southgate Dormitory parlor. The program will be presented by piano students of Loren Withers with commentaries by Dave Roderick. This is the first of a series of four informal Sunday Afternoon concerts. A social period will follow the program. The program follows:

Bach—Italian Concerto (First Movement)

Henry Hester (Junior)

Beethoven—Sonata in G, Op. 14, No. 2 (First Movement: Allegro)

Nancy Lassiter (Freshman)

Brahms—Intermezzo in B-flat minor, Op. 117, No. 2

Mary Ellen Burton (Junior)

Beethoven—Sonata in D minor, Op. 31, No. 2 (First movement: Adagio-Allegro)

Neill Andrews (Senior)

Tcherepnine—Ten Bagatelles (Nos. 1, 2, and 3)

Martea Reed (Senior)

Ravel—Sonatine (First movement: Moderato)

Jane Bowness (Sophomore)

HANDEL FESTIVAL

A bicentennial concert of the music of George Frederick Handel will be given on Sunday, November 15th, at 7:00 p.m. at the Methodist Student Center. The musicians include: David Pizarro, organist; Julia Mueller and Patricia James, violinists; Christian Kutschinski, violist; and May Baker, cellist. The program will include two concerti and three sonatas. The public is cordially invited to attend.

DOCUDRAMA: "WHICH WAY THE WIND?"

Interested persons are invited to attend a presentation of Philip C. Lewis' Docudrama, "Speak Truth to Power," at the new Presbyterian Student Center in Chapel Hill. The time of the meeting is 8:15 p.m. on Sunday, November 15th, and it will be held in the Fellowship Hall. As produced by Albert Bigelow, the Docudrama is entitled, "Which Way the Wind?" The production will feature four professional actors. Admission is fifty cents for students and \$1.50 for adults.

FORESTRY SEMINAR

Dr. T. E. Maki, the Carl Alwin Schenck Professor of Forest Management at the School of Forestry, North Carolina State College, will speak at the Forestry Seminar on Monday, November 16th, at 4:15 p.m. in Room 322, Social Science Building. His topic will be "Some Aspects of Forest Management on Pocosin Lands." Coffee will be served at 4:00 p.m.

DEPARTMENT OF ZOOLOGY SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, November 16th, in Room 113, Biology Building, at 4:15 p.m. Dr. E. B. Ford, Genetics Laboratories, Oxford, England, will speak on "The Study of Powerful Selection Pressures in Nature." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

KATHARINE GILBERT MEMORIAL LECTURE DR. MILTON NAHM

The Department of Aesthetics, Art, and Music and the Duke University Arts Council will present Dr. Milton C. Nahm in the Katharine Gilbert Memorial Lecture on Tuesday, November 17th, at 8:00 p.m. in the Music Room of the East Duke Building. Dr. Nahm will speak on "The Aesthetic Critic: The 'Ideal Trafficker with Art!'" A reception honoring Dr. Nahm will follow the lecture and the public is cordially invited to attend both functions.

Distinguished scholar, author and lecturer, Dr. Nahm is currently chairman of the Department of Philosophy at Bryn Mawr College. He will also speak at open seminar on Wednesday morning, November 18th, at 10:30 a.m. in the auditorium of Asbury Building.

DIVINITY SCHOOL ASSEMBLY

The Reverend Mr. Carl Judy, Missionary to Korea, will speak on the Korea Story at a Divinity School Assembly to be held in York Chapel at 11:00 a.m. on Wednesday, November 18th. Mr. Judy has been in the East for the past twelve years as a representative of the Methodist Church. He will discuss the current situation in terms of polities, economics, and religion.

PHYSICAL THERAPY DEPARTMENT OPEN HOUSE

The Physical Therapy Department will hold an Open House on Wednesday, November 18th between 2:00 and 4:00 p.m. in Room 056, Duke University Medical Center.

Tours of the department including demonstrations of physical therapy procedures and treatments will be followed by an informal reception. Career information will be made available and there will be an opportunity to talk with physical therapists concerning preparation for the profession. A film, *The Return*, will be shown at 2:30 p.m. and 3:30 p.m.

Members of the Campus Community are cordially invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, November 18th, at 4:00 p.m. in Room 123, Science Building, East Campus. Dr. Alan H. Haber, will speak on "Physiology of Seed Germination." Dr. Haber is plant physiologist at the Oak Ridge National Laboratory and is now serving as one of the lecturers for the Twelfth Annual Traveling Lecture Program sponsored by the Atomic Energy Commission, The Oak Ridge National Laboratory and the Oak Ridge Institute of Nuclear Studies.

PSYCHOLOGY COLLOQUIUM

Dr. Harold B. Gerard of Bell Telephone Laboratories, Summit, New Jersey, will speak at the Psychology Colloquium on Wednesday, November 18th at 4:30 p.m. in Room 209, Bivins Building. His topic will be "Some Implications of Social Conformity."

GOTHIC BOOK AND ART AUCTION

The fifth Gothic Book and Art Auction will be held in Room 208, Flowers Building from 6:30 to 11:00 p.m. on Wednesday, November 18th. Mr. North, the Auctioneer vows that it is the most interesting he has conducted so far. All items to be sold will be on display in Room 208 from 9:00 a.m. on the day of sale.

BASKETBALL LADIES NIGHT

There will be a basketball "Ladies Night" on Wednesday, November 18th, from 7:30 to 8:30 p.m. in the Duke Indoor Stadium. This will be in the form of a clinic with Vic Bubas, head basketball coach, introducing players and showing some phases of basketball. No admission will be charged and it is hoped that it will be a "Mother-Daughter" affair. Door prizes will be given consisting of season and individual basketball tickets.

PHILOSOPHY COLLOQUIUM

The Duke-U.N.C. Philosophy Colloquium will meet in Room 212, West Duke Building on Wednesday, November 18th at 8:00 p.m. The speaker, Professor Milton Nahm of Bryn Mawr College will discuss "Freedom and Aesthetic Value."

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Wednesday, November 18th, at 8:00 p.m. in Room 114, of the Physics Building, West Campus. The speaker will be Professor R. H. Dalitz of the University of Chicago. His topic will be "What Can Be Learned from Hypernuclei."

FINAL EXAMINATION FOR THE ED.D DEGREE

The final examination of Mr. David S. Barkley for the Ed.D degree in Education will be held on Thursday, November 19th, at 2:00 p.m. in Room 08A, West Duke Building. The subject of Mr. Barkley's dissertation is "The Legal Status of Student Teaching Programs in the United States." The committee to conduct the examination will consist of Professors E. C. Bolmeier, Chairman, W. H. Cartwright, A. S. Hurlburt, W. A. Stumpf, J. Francis Pasehal.

NEWCOMERS CLUB TEA

Mrs. Paul Gross, 3816 Dover Road, Hope Valley, will be hostess to the Newcomers Club at a tea in her home on Thursday, November 19th, between the hours of 3:00 and 5:00 p.m.

PI BETA PHI MOUNTAIN CRAFT SALE

The Pi Beta Phi Settlement School Sale will be held on Thursday, November 19th, from 3:00 until 5:00 p.m. in the clubhouse of the Duke University Golf Course. Handwoven linens, bags, blankets, and other crafts made by the Tennessee mountain folk may be purchased at this time.

CONCILIUM MEETING

The next regular meeting of Concilium will be held in a private dining room of the Men's Graduate Center, beginning at 6:00 p.m. on Thursday, November 19th. Dr. Hugh Anderson, Professor of Biblical Theology, will speak on the topic "The New Testament and Myth."

RELIGION LECTURE DR. JOHN A. HUTCHISON

The Undergraduate Department of Religion announces that Dr. John A. Hutchison, Chairman of the Department of Religion, Columbia University, will deliver three lectures this week on the subject of "Language and Religion." The lectures will deal with the relation of analytical philosophy to theology. The dates of the meetings will be November 19th-21st. The times of the meetings will be at 8:15 p.m. on Thursday and Friday nights and at 3:00 p.m. on Saturday afternoon. All the sessions will be held in Room 208, Flowers Building. The University Community is invited to these lectures.

DUKE SYMPHONY CONCERT

The fall concert of the Duke Symphony Orchestra, conducted by Allan H. Bone, will be presented on Friday evening, November 20th, at 8:15 p.m., in Page Auditorium. Loren Withers, Pianist is the featured soloist. Admission is \$1.00 (Children under 15 admitted free). The program follows:

Il Pastor Fido (versions of 1712 and 1732)	Handel
Arr. by Sir Thomas Beecham	
Les Preludes—Symphonic Poem	
	Liszt
Intermission	
Coneerto No. 21 in C major (K. 467)	Mozart
Loren Withers, Soloist	
Suite Provencal (1936)	Darius Milhaud

PHOTOGRAPHY CONTEST EXHIBIT

The entries in the Student-Faculty Photography Contest, sponsored by the Student Union's Music and Art Committee, may be seen in the Alumni Lounge of the Union Building from November 13th until November 21st. The exhibit includes black and white prints, colored prints, and transparencies.

FACULTY TRAFFIC COURT

The Faculty Traffic Court will meet on Monday, November 23rd, at 4:00 p.m. in the Court Room of the Law School to hear the appeals of faculty, staff, and graduate students.

CHANGE OF DATE FOR CALENDAR OF EVENTS

Chamber Arts Society—Camera Concerti
From: Saturday, November 21, 1959
To: Friday, April 8, 1960
8:15 p.m.—Music Room—East Duke Building

WEEK OF
Nov. 22-28, 1959

WEEK OF
Nov. 22-28, 1959

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, November 22

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor John A. Hutchison, Chairman of the Department of Religion, Columbia University. Sermon: "A Matter of Names." Broadcast over Radio Station WDNC and WDNC-FM.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, November 23

4:00 p.m. Faculty Traffic Court. Court Room of the Law School.

4:15 p.m. Forestry Seminar. Room 322, Social Science Building.

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Walter Gordy.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

8:15 p.m. Methodist Student Association presents "Our Town" by Thornton Wilder. Methodist Student Center.

Tuesday, November 24

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Ray C. Petry.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

8:00 p.m. Weitzmann Illustrated Lecture. Room 208, Auditorium of Asbury Building. Speaker: Professor Kurt Weitzmann.

Wednesday, November 25

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Ray C. Petry.

12:30 p.m. Thanksgiving Recess begins.

Thursday, November 26

Thanksgiving Day.

2:30 p.m. Varsity Football: Duke versus the University of North Carolina. Duke Stadium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. John A. Hutchison, Chairman of the Department of Religion, Columbia University will deliver the sermon at the University Service of Worship on Sunday Morning, November 22nd at 11:00 a.m. in the University Chapel. His subject will be "A Matter of Names."

SUNDAY DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, November 22nd,
9:45 a.m. Sunday School, Local Baptist Churches.
6:15 p.m. Training Union, Local Baptist Churches.

Episcopal Student Fellowship:

Sunday, November 22nd,
9:30 a.m. Holy Communion, Archbishop Cranmer House.
6:30 p.m. Evening prayer and Social Hour, Archbishop Cranmer House.

Tuesday, November 24th,

7:10 a.m. Holy Communion, Archbishop Cranmer House.
Thursday, November 26th,

8:00 a.m. Holy Communion, Archbishop Cranmer House.

Lutheran Student Association:

Sunday, November 22nd,
9:45 a.m. Sunday School, Local Churches.
6:30 p.m. L. S. A. Meeting, "Thanksgiving," Student Leader: Graham Kretschman. Room 208, Flowers Building.

Methodist Student Association:

Sunday, November 22nd,
9:15 a.m. Worship, Methodist Student Center.
9:30 a.m. Classes, Methodist Student Center.
6:30 p.m. Worship. Preacher: Rube Rainey.
7:00 p.m. "Our Town" by Thornton Wilder. (Special performance for Methodists. Public performance Monday night at 8:15 p.m.) Methodist Student Center.

Wednesday, November 25th,

6:00 p.m. Holy Communion, Methodist Student Center.

United Student Fellowship:

Sunday, November 22nd,
6:30 p.m. Dr. J. Phillips will discuss "Liberal and Fundamental Denominations" with the group. Congregational Christian Church.

Unitarian Fellowship:

Sunday, November 22nd,
7:30 p.m. "Understanding Human Behavior." Speaker: Dr. G. McHugh. 1010 Monmouth Avenue.

Westminster Fellowship:

Sunday, November 22nd,
9:30 a.m. Bible Class, Room 208, Flowers Building.
6:15 p.m. Westminster Fellowship, The Ark, East Campus.
Wednesday, November 25th,
5:30 p.m. Westminster Supper Club, East Campus Union.

Society of Friends:

Sunday, November 22nd,
7:30 p.m. Forum: "Violence and Our Children—TV, Radio, Comics." Speaker: Dr. Harold Harris, Professor of Child Psychiatry, University of North Carolina.

FACULTY TRAFFIC COURT

The Faculty Traffic Court will meet on Monday, November 23rd, at 4:00 p.m. in the Court Room of the Law School to hear the appeals of faculty, staff, and graduate students.

FORESTRY SEMINAR

The Forestry Seminar will meet on Monday, November 23rd at 4:15 p.m. in Room 322, Social Science Building. Dr. Ralph J. McCracken of the Department of Soils at North Carolina State College, Raleigh, North Carolina, will speak on "Modern Concepts of Soil Classification With Special Reference to Forest Influences and Forest Soils." Coffee will be served at 4:00 p.m.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, November 23, in Room 113, Biology Building, at 4:15 p.m. Dr. Walter Gordy of the Physics Department will speak on "Some Applications of Electron Spin Resonance in Radiation Biology." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

WEITZMANN ILLUSTRATED LECTURE

Kurt Weitzmann, Professor of Art and Archaeology in Princeton University, will lecture at 8:00 p.m. on Tuesday, November 24th, in Room 208, the Auditorium of Asbury Building, East Campus. His subject will be: "Art in the Monastery of St. Catherine, on Mount Sinai." Dr. Weitzmann participated in an expedition to this romantic and ancient monastery in the summer of 1958, to study and to photograph its 2,000 icons and other art treasures.

The public is cordially invited to attend this lecture which is presented under the auspices of the Divinity School, the Department of Aesthetics, Art and Music, and the University Religious Council.

QUADRANGLE PICTURES CLOSED

Quadrangle Pictures will be closed on Wednesday, November 25th and 28th for the Thanksgiving Holidays and on December 3rd for the address of Senator John Kennedy. It will re-open on Saturday, December 5th.

PRE-REGISTRATION ANNOUNCEMENT

1. Students who are planning to return for the Spring Semester were advised by Faculty Advisers during the week of November 16th.

2. Dates for submitting course cards are as follows:

Seniors	November 23-24
Juniors	November 30-December 1
Sophomores	December 2, 3, 4 (Men) December 3, 4, 5 (Women)
Freshmen	December 7, 8, 9
Special Students	December 10 (9 a.m.-12:00 noon)

3. The Woman's College students will submit course cards to 107 East Duke Building; Trinity College students will report to 103 Allen Building.

4. Upperclassmen Engineers will register in the College of Engineering.

NORTH CAROLINA ASSOCIATION OF HEALTH, PHYSICAL EDUCATION AND RECREATION CONVENTION

The departments of Physical Education on East and West Campus are joint hosts and hostesses for the annual NCAHPER Convention on December 3rd, 4th, and 5th. Outstanding speakers include: Bob Cox, Director of the North Carolina Youth Fitness Commission; Celeste Hayden, trainer for the U. S. Women's Olympic Team; Rev. Charles Hubbard, President of the North Carolina Recreation Association, and Dr. Jim Miller of East Carolina College. The public is invited to attend the meetings which will be held in the Indoor Stadium, Woman's Gymnasium, and Room 114, Science Building. Programs may be obtained at the Woman's College Gymnasium on East Campus.

VACATION HOSPITALITY FOR FOREIGN STUDENTS

A number of foreign students will be on campus during the Thanksgiving holidays and have indicated their desire to share in the holiday with a Durham family. Any faculty member who would like to entertain one or two students in his home for Thanksgiving dinner is urged to call the Religious Life Office on East Campus, Extension 2909. This project is sponsored by the Interfaith and Fellowship Committee of the University Religious Council.

NOTICES FOR THE CALENDAR

Since the offices will be closed Thanksgiving Day, Thursday, November 26th, notices for the next issue of the University **Calendar** (November 30th-December 5th), should be submitted to Room 202-A Flowers Building, no later than 1:00 p.m., on Wednesday, November 25th.

ANNOUNCEMENT OF FACULTY FELLOWSHIPS FOR RESEARCH AND OTHER SCHOLARLY ACTIVITY: SUMMERS OF 1960 AND 1961

The University Committee on Long-Range Planning since beginning its activities in October 1958, has noted the recurring request in reports from departments, subcommittees, and individuals for adjustments providing greater time and means for research and related scholarly activity.

In its **First Progress Report** of June, 1959, the Planning Committee laid great stress on research and scholarship as among the essential functions of the University.

Accordingly, in the light of the recurring requests noted, the Committee has recommended a two-year experiment with a program of summer faculty fellowships for research and related scholarly activity. This recommendation has been approved by the Vice-President in the Division of Education for implementation in the summer of 1960.

These faculty fellowships, six in number each summer, and of a value of \$1,200.00, will be open to assistant and associate professors in Arts and Science

and in Engineering on a basis of written application to the Research Council which will administer the program.

Members of the Faculty eligible to apply for these grants will be advised at an early date by the Chairman of the Research Council of the general purposes for which grants will be made, and concerning the material the Council will need in reaching its decisions on awards.

DINING HALL HOURS— THANKSGIVING HOLIDAYS

Wednesday, November 25 Dinner

"D" Cafeteria	5:00-6:30
Oak Room	5:00-7:00

Thursday, November 26 Breakfast Lunch Dinner

"A" Cafeteria	8:30-11:00	11:00-2:00	Closed
"D" Cafeteria	Closed	11:00-2:00	5:00-6:30
Oak Room		11:00-2:00	5:00-7:00

NO RESERVATIONS IN OAK ROOM FOR LUNCH OR DINNER

Friday, November 27 Breakfast Lunch Dinner

"D" Cafeteria	7:30-9:30	11:30-1:30	5:00-6:30
Snaek Bar in "D" (9:30-11:00)			

Saturday, November 28

"D" Cafeteria	7:30-9:30	11:30-1:30	5:00-6:30
Snaek Bar in "D" (9:30-11:00)			

Sunday, November 29

"D" Cafeteria	8:30-11:00	11:30-1:30	5:00-7:00
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LIBRARY SCHEDULE

Thanksgiving Recess—1959

Hours for the libraries during the Thanksgiving Recess will be as follows:

GENERAL LIBRARY

Wednesday, November 25	8:00 a.m.-5:00 p.m.
Thursday, November 26	Closed
Friday, November 27	9:00 a.m.-5:00 p.m.
Saturday, November 28	9:00 a.m.-1:00 p.m.
Sunday, November 29	2:00 p.m.-6:00 p.m. (The Undergraduate Reading Room will be open from 7:00 p.m. until 11:00 p.m. on Sunday, November 29.)

WOMAN'S COLLEGE LIBRARY

Wednesday, November 25	8:00 a.m.-5:00 p.m.
Thursday, November 26	Closed
Friday, November 27	9:00 a.m.-5:00 p.m.
Saturday, November 27	9:00 a.m.-1:00 p.m.
Sunday, November 28	Closed

Changes in the regular schedules of school, college and departmental libraries will be posted in those libraries.

ARTISTS' SERIES TICKETS AVAILABLE

Individual tickets for the remaining concerts on the 1959-'60 Artists' Series schedule, priced at \$2.50 and \$2.00, may be secured in Room 202-A Flowers Building, or by calling Extension 2911.

The four remaining concerts are as follows:

Isaac Stern, Violinist	Tuesday, December 15
Roberto Iglesias Ballet Espanol	Friday, February 5
Gerard Souzay, Baritone	Tuesday, February 16
The Robert Shaw Chorale and Orchestra	Thursday, March 3

COLLEGE OF ENGINEERING
Final Examination Schedule
Fall, 1959-60

Course No.	Date	Time	Room No.
Engrg.	1.1	Thursday, Jan. 21	2:00- 5:00 p.m. 47.208
	1.2	Thursday, Jan. 21	2:00- 5:00 p.m. 47.209
	1.3	Saturday, Jan. 23	9:00-12:00 a.m. 47.209
	1.4	Tuesday, Jan. 26	9:00-12:00 a.m. 47.209
	1.5	Monday, Jan. 25	2:00- 5:00 p.m. 47.208
	1.6	Saturday, Jan. 23	9:00-12:00 a.m. 47.208
	1.7	Tuesday, Jan. 26	9:00-12:00 a.m. 47.208
	1.8	Monday, Jan. 25	2:00- 5:00 p.m. 47.209
	57.1	Thursday, Jan. 28	7:00-10:00 p.m. 47.226
	57.2	Thursday, Jan. 28	7:00-10:00 p.m. 47.227
	57.4	Thursday, Jan. 28	7:00-10:00 p.m. 47.226
	57.5	Thursday, Jan. 28	7:00-10:00 p.m. 47.227
	107	Thursday, Jan. 28	9:00-12:00 a.m. 47.117
	115.1	Thursday, Jan. 21	2:00- 5:00 p.m. 47.117
	115.2	Thursday, Jan. 21	2:00- 5:00 p.m. 47.226
	115.3	Thursday, Jan. 21	2:00- 5:00 p.m. 47.226
	115.4	Thursday, Jan. 21	2:00- 5:00 p.m. 47.227
	153	Thursday, Jan. 28	9:00-12:00 a.m. 47.209
	169.1	Thursday, Jan. 28	9:00-12:00 a.m. 47.222
CE	61.1	Thursday, Jan. 21	9:00-12:00 a.m. 47.218
	61.2	Thursday, Jan. 21	9:00-12:00 a.m. 47.216
	101.1	Saturday, Jan. 23	9:00-12:00 a.m. 47.010
	101.2	Saturday, Jan. 23	9:00-12:00 a.m. 47.010
	113.1	Wednesday, Jan. 27	9:00-12:00 a.m. 47.117
	113.2	Wednesday, Jan. 27	9:00-12:00 a.m. 47.117
	123	Wednesday, Jan. 20	9:00-12:00 a.m. 47.208
	131	Tuesday, Jan. 26	9:00-12:00 a.m. 47.117
	132	Tuesday, Jan. 26	9:00-12:00 a.m. 47.226
	135	Thursday, Jan. 28	9:00-12:00 a.m. 47.139
EE	53.1	Monday, Jan. 25	2:00- 5:00 p.m. 47.216
	53.2	Monday, Jan. 25	2:00- 5:00 p.m. 47.212
	55.1	Wednesday, Jan. 20	9:00-12:00 a.m. 47.212
	55.2	Wednesday, Jan. 27	9:00-12:00 a.m. 47.212
	55.3	Thursday, Jan. 28	9:00-12:00 a.m. 47.216
	109.1	Tuesday, Jan. 19	9:00-12:00 a.m. 47.117
	109.2	Wednesday, Jan. 20	9:00-12:00 a.m. 47.222
	109.3	Wednesday, Jan. 20	9:00-12:00 a.m. 47.117
	111.1	Saturday, Jan. 23	9:00-12:00 a.m. 47.101
	111.2	Monday, Jan. 25	2:00- 5:00 p.m. 47.101
	111.3	Saturday, Jan. 23	9:00-12:00 a.m. 47.101
	111.4	Saturday, Jan. 23	9:00-12:00 a.m. 47.115
	111.5	Monday, Jan. 25	2:00- 5:00 p.m. 47.115
	123.1	Tuesday, Jan. 19	9:00-12:00 a.m. 47.212
	123.2	Thursday, Jan. 28	9:00-12:00 a.m. 47.212
	125.1	Saturday, Jan. 23	9:00-12:00 a.m. 47.107
	125.2	Monday, Jan. 25	2:00- 5:00 p.m. 47.107
	159.1	Thursday, Jan. 21	9:00-12:00 a.m. 47.105
	173.1	Thursday, Jan. 28	9:00-12:00 a.m. 47.310
	173.2	Thursday, Jan. 21	9:00-12:00 a.m. 47.01
	173.3	Friday, Jan. 22	9:00-12:00 a.m. 47.06
	181.1	Tuesday, Jan. 19	9:00-12:00 a.m. 47.216
	181.2	Wednesday, Jan. 20	9:00-12:00 a.m. 47.216
	183.1	Monday, Jan. 25	2:00- 5:00 p.m. 47.113
	183.2	Saturday, Jan. 23	9:00-12:00 a.m. 47.113
	183.3	Monday, Jan. 25	2:00- 5:00 p.m. 47.113
	191.1	Tuesday, Jan. 19	9:00-12:00 a.m. 47.201
	191.2	Wednesday, Jan. 20	9:00-12:00 a.m. 47.201
	193.1	Monday, Jan. 25	2:00- 5:00 p.m. 47.02
	193.2	Saturday, Jan. 23	9:00-12:00 a.m. 47.02
	193.3	Monday, Jan. 25	2:00- 5:00 p.m. 47.02
	199.1	Wednesday, Jan. 27	9:00-12:00 a.m. 47.201
	211.1	Tuesday, Jan. 26	9:00-12:00 a.m. 47.212
	202	Tuesday, Jan. 26	9:00-12:00 a.m. 47.201
	231	Tuesday, Jan. 26	9:00-12:00 a.m. 47.216
ME	59.1	Tuesday, Jan. 19	9:00-12:00 a.m. 47.140
	59.2	Wednesday, Jan. 20	9:00-12:00 a.m. 47.140
	59.3	Thursday, Jan. 28	9:00-12:00 a.m. 47.224
	101.1	Wednesday, Jan. 20	9:00-12:00 a.m. 47.226
	101.2	Thursday, Jan. 28	9:00-12:00 a.m. 47.217
	103.1	Tuesday, Jan. 19	9:00-12:00 a.m. 47.224
	105.1	Tuesday, Jan. 26	9:00-12:00 a.m. 47.140
	105.2	Wednesday, Jan. 20	9:00-12:00 a.m. 47.224
	113.1	Saturday, Jan. 23	9:00-12:00 a.m. 47.226
	113.2	Saturday, Jan. 23	9:00-12:00 a.m. 47.226
	113.3	Saturday, Jan. 23	9:00-12:00 a.m. 47.227
	113.4	Saturday, Jan. 23	9:00-12:00 a.m. 47.227

116.1	Saturday, Jan. 23	9:00-12:00 a.m. 47.117	
116.2	Saturday, Jan. 23	9:00-12:00 a.m. 47.117	
141.1	Wednesday, Jan. 27	9:00-12:00 a.m. 47.222	
141.2	Thursday, Jan. 21	9:00-12:00 a.m. 47.212	
141.3	Wednesday, Jan. 27	9:00-12:00 a.m. 47.224	
153.1	Thursday, Jan. 21	9:00-12:00 a.m. 47.224	
164.1	Tuesday, Jan. 26	9:00-12:00 a.m. 47.222	
167.1	Friday, Jan. 22	9:00-12:00 a.m. 47.224	
167.2	Wednesday, Jan. 27	9:00-12:00 a.m. 47.218	
171.1	Tuesday, Jan. 19	9:00-12:00 a.m. 47.222	
171.2	Wednesday, Jan. 27	9:00-12:00 a.m. 47.140	
173.1	Friday, Jan. 29	9:00-12:00 a.m. 47.140	
173.2	Friday, Jan. 29	9:00-12:00 a.m. 47.212	
173.3	Friday, Jan. 29	9:00-12:00 a.m. 47.224	
201.1	Tuesday, Jan. 26	9:00-12:00 a.m. 47.224	
202.1	Thursday, Jan. 28	9:00-12:00 a.m. 47.140	
Eng.	E93.2	Friday, Jan. 22	9:00-12:00 a.m. 47.218
	E93.3	Wednesday, Jan. 27	9:00-12:00 a.m. 47.216
	E93.4	Thursday, Jan. 28	9:00-12:00 a.m. 47.201
Hist.	E1.1	Tuesday, Jan. 19	9:00-12:00 a.m. 47.218
	E1.2	Wednesday, Jan. 20	9:00-12:00 a.m. 47.218
	E1.3	Thursday, Jan. 28	9:00-12:00 a.m. 47.218
	E1.4	Friday, Jan. 29	9:00-12:00 a.m. 47.218

**UNIVERSITY
OFFICIAL EXAMINATION SCHEDULE**

Fall Semester, 1959-60

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN JANUARY 8 TO REQUEST A CHANGE IN SCHEDULE.

Friday	7:00 p.m.	PHYSICAL EDUCATION
January 15		
Monday	Undergraduate Reading Period	
January 18		
Tuesday	9:00-12:00 a.m. MWF, FIRST PERIOD	
January 19	2:00- 5:00 p.m. Economics 57	
	7:00-10:00 p.m. History 1, 1E, 1X	
Wednesday	9:00-12:00 a.m. MWF, SECOND PERIOD	
January 20	2:00- 5:00 p.m. Botany 1	
	7:00-10:00 p.m. Physics 1, 41	
Thursday	9:00-12:00 a.m. MWF, THIRD PERIOD	
January 21	7:00-10:00 p.m. All Languages 1, 2	
Friday	9:00-12:00 a.m. MWF, FOURTH PERIOD	
January 22	7:00-10:00 p.m. Mathematics 1, 6, 52	
Saturday	9:00-12:00 a.m. MWF, SIXTH PERIOD	
January 23	2:00- 5:00 p.m. English 1	
Monday	9:00-12:00 a.m. MWF, FIFTH PERIOD & Naval Science	
January 25	2:00- 5:00 p.m. TTS, SIXTH PERIOD	
	7:00-10:00 p.m. Religion 1	
Tuesday	9:00-12:00 a.m. TTS, FIRST PERIOD	
January 26	2:00- 5:00 p.m. Chemistry 1	
	7:00-10:00 p.m. Economics 51	
Wednesday	9:00-12:00 a.m. TTS, SECOND PERIOD	
January 27	2:00- 5:00 p.m. Mathematics 5	
	7:00-10:00 p.m. Air Sci. & Greek 15	
Thursday	9:00-12:00 a.m. TTS, THIRD PERIOD	
January 28	2:00- 5:00 p.m. French & Spanish 63	
	7:00-10:00 p.m. Philosophy 48, 49	
Friday	9:00-12:00 a.m. TTS, FOURTH PERIOD	
January 29	2:00- 5:00 p.m. Political Science 11, 61	

Chemistry (except Chemistry 1) and Zoology classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING JANUARY 19, 9:00 A.M. AND ENDING JANUARY 29, 5:00 P.M. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 A.M. JANUARY 19, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
Nov. 30-Dec. 5, 1959

WEEK OF
Nov. 30-Dec. 5, 1959

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Monday, November 30

- 4:00 p.m. Chemistry Staff Seminar. Room 01, Chemistry Building. Speaker: Dr. Robert Levine.
- 4:15 p.m. Zoology Seminar. Room 113, Biology Building. Speaker: Dr. Sally Hughes-Schrader.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

Tuesday, December 1

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Kenneth W. Clark.
- 4:00 p.m. Mathematics Seminar. Room 138, Physics Building. Speaker: Dr. Gary Kurowski.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

- 6:15 p.m. Freshman Basketball. Blue Imps versus Wilmington College. Indoor Stadium.
- 8:15 p.m. Varsity Basketball. Duke Versus Georgia Tech. Indoor Stadium.

Wednesday, December 2

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Kenneth W. Clark.
- 11:00 a.m. Divinity School Lecture. "Christianity and the Indian Situation." York Chapel. Dr. Alex J. Boyd.
- 4:00 p.m. Botany Seminar. Room 123, Science Building. Speaker: Dr. Harold J. Evans.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 206, Phillips Hall, U.N.C., Chapel Hill, N. C.
- 8:15 p.m. Student Union Lecture: Senator John Kennedy. Page Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Thursday, December 3

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Webb Leonard.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-8:30 p.m. NCAHPER Convention. Indoor Stadium. Program: Chapel Hill elementary students in "gymnastic demonstration" under direction of Bob Culton.
- 7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Sigma Xi Meeting. Room 114, Physics Building. Speaker: Dr. Salih Wakil.
- 8:15 p.m. Student Union Concert: Pete Seeger, Balladeer. Page Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, December 4

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Kenneth W. Clark.
- 10:30-11:30 a.m. NCAHPER section meeting on Youth Fitness. Woman's College Gymnasium. Speaker: Bob Cox.
- 3:15-4:30 p.m. NCAHPER section meeting. Room 114 Science Building. Speaker: Celeste Hayden, trainer for U. S. Women's Olympic Teams in Australia.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Richard L. Solomon.
- 7:30 p.m. Blanshard Study Group. Room 201, Flowers Building.
- 8:00 p.m. Faculty Club Meeting. University House. Speaker: Dean Allan W. Carter.
- 8:00-9:30 p.m. NCAHPER exhibitions: Nereidian Club number; Modern Dance Club feature; badminton exhibition; a golf demonstration by Mike Souchak. Woman's College Gymnasium.

Saturday, December 5

- 6:15 p.m. Freshman Basketball. Indoor Stadium.
- 7:00 and 9:20 p.m. Quadrangle Pictures. "The Magnificent Seven." From the creator of "Rashomon"—a brilliant film from Japan termed as "One of the Year's Best" by the New York Times, Herald Tribune, Saturday Review, etc.
- 8:15 p.m. Varsity Basketball. Duke versus Clemson College. Indoor Stadium.

8:30-9:30 p.m. NCAHPER section. "Outdoor Education and Camping Techniques." Dr. Jim Miller, speaker and demonstrator. Room 114, Science Building.

CHEMISTRY STAFF SEMINAR DR. ROBERT LEVINE

Dr. Robert Levine, Professor of Chemistry at the University of Pittsburgh, will speak at the Chemistry Staff Seminar on Monday, November 30th, at 4:00 p.m. in Room 01 of the Chemistry Building. Dr. Levine obtained his Ph.D. from Duke University in 1945.

The subject of Dr. Levine's address will be "The Mechanism of the Acylation of Certain Metalated Pyridine Derivatives."

All interested persons are invited.

DEPARTMENT OF ZOOLOGY SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, November 30th, in Room 113, Biology Building, at 4:15 p.m. Dr. Sally Hughes-Schrader, Research Associate, Department of Zoology, will speak on "Polyteny in the Evolution of Chromosomal Systems." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, December 1, at 4:00 p.m. in Room 138, Physics Building. The speaker, Dr. Gary Kurowski of the Office of Ordnance Research, will discuss "Semi-Discrete Analytic Functions." Coffee will be served at 3:30 p.m. in Room 132, Physics Building.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, December 2nd, at 4:00 p.m. in Room 123 Science Building, East Campus. Dr. Harold J. Evans, the Division of Biological Sciences, North Carolina State College, will speak on "The properties and possible physiological role of a 'nitrate reductase' from the nodules of legumes."

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Wednesday, December 2nd, in Room 206, Phillips Hall, University of North Carolina at 8:00 p.m. The speaker will be Dr. Ivor Robinson of the Institute of Field Physics, University of North Carolina. Dr. Robinson is currently on leave from King College, London. The topic to be discussed is "The Nature of the Gravitational Field."

STUDENT UNION LECTURE SENATOR JOHN KENNEDY

The Educational Affairs Committee of the Student Union will present Senator John Kennedy in an address Wednesday evening, December 2nd at 8:15 p.m. in Page Auditorium. Senator Kennedy's address will be "Challenge to Our Colleges." There will be no admission charged and members of the University Community and public are invited to attend. Doors will be opened at 7:30 p.m.

Mr. Kennedy is an honor graduate of Harvard University and has been awarded honorary Doctor of Law degrees by eighteen colleges and universities. He received the Pulitzer Prize in 1956 for his **Profiles in Courage**.

As senator from Massachusetts since 1952, he is a member of the Foreign Relations Committee, Labor and Public Welfare Committee, and the Committee to Investigate Improper Activities in the Labor or Management Field.

NORTH CAROLINA ASSOCIATION OF HEALTH, PHYSICAL EDUCATION AND RECREATION CONVENTION

The departments of Physical Education on East and West Campus are joint hosts and hostesses for the annual NCAHPER Convention on December 3rd, 4th, and 5th. Outstanding speakers include: Bob Cox, Director of the North Carolina Youth Fitness Commission; Celeste Hayden, trainer for the U. S. Women's Olympic Team; Rev. Charles Hubbard, President of the North Carolina Recreation Association, and Dr. Jim Miller of East Carolina College. The public is invited to attend the meetings which will be held in the Indoor Stadium, Woman's College Gymnasium, and Room 114, Science Building. Programs may be obtained at the Woman's College Gymnasium on East Campus.

SIGMA XI MEETING

The second meeting of the Duke Chapter, Society of the Sigma Xi, will be held on Thursday, December 3rd, at 8:00 p.m. in Room 114, Physics Building. Dr. Salih Wakil, of the Department of Biochemistry, will speak on the "Synthesis of Fatty Acids." The public is cordially invited to attend.

PETE SEEGER FOLK CONCERT

Pete Seeger, well known folk song authority, recording artist, and balladeer will be heard in a concert in Page Auditorium on Thursday evening, December 3rd at 8:15 p.m. Mr. Seeger's performance is open to the public without charge by the Student Union's Music and Arts Committee. A special invitation is extended to the families of the faculty and staff to attend this evening of good fun in folk singing.

Pete Seeger, is a sort of reincarnated troubadour who is at home with many instruments but accompanies his singing for the most part on a five string banjo or a twelve string guitar.

His concert performances have filled to capacity halls in virtually every major city in the country,

including Orchestra Hall in Chicago and Carnegie Hall in New York.

PSYCHOLOGY COLLOQUIUM

Dr. Richard L. Solomon of Harvard University will speak at the Psychology Colloquium on Friday, December 4th in Room 209, Bivins Building, at 4:30 p.m. His topic will be "Human and Animal Traumatic Avoidance Learning."

BLANSHARD STUDY GROUP

The Blanshard Study Group will hold its seventh session on Paul Blanshard's **American Freedom and Catholic Power** on Friday, December 4th, at 7:30 p.m., in Room 201, Flowers Building. The chapters taken up will be numbers 12 and 13, "The Catholic Plan for America," and "Tolerance, Appeasement, and Freedom."

FACULTY CLUB MEETING

The second meeting of the Faculty Club of Duke University will be held on Friday evening, December 4th, at 8:00 p.m. in University House. Dean Allan M. Cartter of the Graduate School will be the speaker. The title of his address will be "Graduate Education and Private Philanthropy."

ART EXHIBIT

An exhibit of "Painting Techniques" on loan from the National Gallery of Art in Washington, may be seen in the Alumni Lounge of the Union Building from December 1st through the 18th. The display is another of the series of floating exhibits sponsored by Student Union's Music and Arts Committee.

FACULTY CLUB CHRISTMAS PARTY

The annual Faculty Club Christmas Party will be held in the West Campus Union, Saturday, December 12th at 6:30 p.m. Dinner will be served in Dining Halls B and C promptly at 6:45 p.m.

Members who have paid their dues are entitled to one ticket without further charge and may purchase one guest ticket for \$3.00. All tickets must be secured from the Club Treasurer, W. J. Griffith, in Room 202A, Flowers Building, prior to 5:00 p.m. Wednesday, December 9th.

QUADRANGLE PICTURES NOTICE

Quadrangle Pictures will be closed on Wednesday, December 2nd to permit the Student Union Lecture of Senator Kennedy.

ADVANCE NOTICE ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m. Monday, December 7th in the Green Room, East Duke Building. The speaker will be Professor Robert S. Rogers of the Department of Latin, who will discuss "Two Problems of Freedom of Speech under the Roman Empire." Old members are urged to renew their memberships, and a welcome is extended to guests and new members.

WEEK OF
Dec. 6-12, 1959

WEEK OF
Dec. 6-12, 1959

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, December 6

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Robert E. Cushman, Dean of the Duke Divinity School. Sermon: "What and Where Is Advent?" Broadcast over Radio Station WDNC and WDNC-FM.
4:00 p.m. The Duke University Chapel Choir presents "The Messiah." University Chapel.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, December 7

- 4:00 p.m. Engineering Faculty Council. Conference Room, Engineering Building.
4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Jonathan B. Wittenberg.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:00 p.m. Trinity College Historical Society Meeting. Men's Graduate Center. Speaker: Dr. Waldo Beach.
7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

- 8:00 p.m. Erasmus Club. Green Room, East Duke Building. Speaker: Professor Robert S. Rogers.

Tuesday, December 8

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Harmon L. Smith.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
5:00-6:30 p.m. W.S.G.A. Annual Christmas Dinner. East Campus Dining Halls.
7:30 p.m. American Society of Civil Engineers. Engineering Auditorium.
8:00 p.m. Phi Beta Kappa Fall Initiation. University House.
8:00 p.m. Readers Club presents "Personalities in Poetry." Green Room, East Duke Building.

Wednesday, December 9

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Professor James Efird.
4:00 p.m. Botany Seminar. Room 123, Science Building. Speaker: Dr. W. D. Billings.
4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Harry Levin.
6:15 p.m. Student Union Christmas Buffet. Union Ballroom.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Ladykillers," with Alec Guinness, Cecil Parker, Herbert Lom, and Peter Sellers. With Alec Guinness at his very best, this picture promises to be the most hilarious gangster film ever made.

8:15 p.m. Duke Players present "The Importance of Being Earnest." Branson Hall.

Thursday, December 10

10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Henry Justicee.

4:00 p.m. Undergraduate Faculty Council Meeting. Room 208, Flowers Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:30 p.m. Duke Symphony Rehearsal. Room 208, Asbury Building.

8:00 p.m. Pre-Medical and Legal Societies meet. Hospital Amphitheater. Speaker: Professor E. C. Bryson.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

8:15 p.m. Duke Players present "The Importance of Being Earnest." Branson Hall.

8:15 p.m. Concert Band and Wind Ensemble Performance. Page Auditorium.

Friday, December 11

10:20 a.m. Founders' Day Exercises. Page Auditorium.

3:00 p.m. Political Science Graduate Seminar. Room 302, Library. Speaker: Dr. John D. Montgomery.

4:00 p.m. Chemistry Staff Seminar. Room 01, Chemistry Building. Speaker: Dr. Peter Smith.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

7:30 p.m. Blanshard Study Group. Room 201, Flowers Building.

8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.

8:15 p.m. Duke Players present "The Importance of Being Earnest." Brauson Hall.

Saturday, December 12

6:30 p.m. Faculty Club Christmas Party. Dining Halls B and C, Union Building.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Ladykillers" with Alec Guinness, Cecil Parker, Herbert Lom, and Peter Sellers. With Alec Guinness at his very best, this picture promises to be the most hilarious gangster film ever made.

8:15 p.m. Duke Players present "The Importance of Being Earnest." Branson Hall.

9:00-12:00 p.m. Medical Dames Christmas Dance. Crystal Ballroom of the Washiguton Duke Hotel.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor Robert E. Cushman, Dean of the Duke Divinity School, will deliver the sermon at the University Service of Worship on Sunday morning, December 6th, at 11:00 a.m. in the University Chapel. His subject will be "What and Where Is Advent?"

The Reverend Howard C. Wilkinson, Chaplain to the University Presiding Minister

Prelude: "Come Savior of the Gentiles" *Back*

"Chorale Prelude on Vom Himmel Hoch" *Pachelbel*

Call to Worship: "The Lord Is in His Holy Temple" *Harrington*

Hymn: "Hail, to the Lord's Anointed" *Gesangbuch der Herzogl*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem: "His Yoke Is Easy" from "The Messiah" *Handel*

Scripture: Luke 2:8-14; 19:1-9

Hymn: "O Come, O Come, Immanuel" *Ancient plain song*

Call to Prayer

The Pastoral Prayer

The Offering:

Offertory Organ Interlude

Anthem: "And He Shall Purify" from

"The Messiah"

Handel

Response: The Doxology

Prayer of Dedication

Sermon: "What and Where Is Advent?"

Benediction

Chorale Response: "Sevenfold Amen"

Stainer

Postlude: "Fugue on Vom Himmel Hoch" *Pachelbel*

CHAPEL CHOIR PRESENTS "THE MESSIAH"

One of the outstanding events, which for over twenty years has been a part of the Duke Christmas tradition, will be the presentation of Haudel's "The Messiah" by the Duke University Chapel Choir under the direction of Professor Paul Young on December 6th at four o'clock in the afternoon. The soloists will be Jane Sullivan, Soprano; Marilyn Zschau, Contralto; John Hanks, Tenor; and Edgar vom Lehn, Bass-baritone. Organist will be Eugene Mauney.

On the following Sunday, December 13th, at 8:00 p.m. the traditional Christmas Pageant under the direction of Professor Kenneth Reardon will be presented. The public is cordially invited to attend both these eveuts. Choral music for the Pageant will be furuished by the combined Duke Men's Chorus and Women's Chorus, under the direction of Mr. William E. Waters, Assistaut Director of Choral Activities.

SUNDAY DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, December 6th,

9:45 a.m. Sunday School. Local Baptist Churches.

6:15 p.m. Training Union. Local Baptist Churches.

Wednesday, December 9th,

5:15 p.m. Supper and Program, East Campus Union.

Episcopal Student Fellowship:

Sunday, December 6th,

9:30 a.m. Holy Communion. Archbishop Cranmer House.

6:15 p.m. Evening Prayer. Archbishop Cranmer House.

6:30 p.m. Fellowship Supper (no ticket required). Archbishop Cranmer House.

Tuesday, December 8th,

7:10 a.m. Holy Communion. Archbishop Cranmer House.

Thursday, December 10th,

8:00 a.m. Holy Communion. Archbishop Cranmer House.

Methodist Student Association:

Sunday, December 6th,

9:15 a.m. Worship. Methodist Student Center.

9:30 a.m. Classes. Methodist Student Center.

6:30 p.m. Worship. Methodist Student Center.

7:00 p.m. Forum: "What Is Religious Experience."

Speaker: Dr. Tom Langford. Methodist Student Center.

7:00 p.m. Seminar: "Philosophy of History." Speaker:

Dr. Harold Parker. Methodist Student Center.

Wednesday, December 9th,

6:00 p.m. Holy Communion. Methodist Student Center.

Society of Friends:

Sunday, December 6th,

7:30 p.m. Forum: "The Road Ahead in Race Relations."

Speaker: Dr. Shelton Smith. Friends Meeting House.

United Student Fellowship:

Sunday, December 6th,

6:30 p.m. "The Nature of Christianity." Speakers:

Dean Barney L. Jones and Reverend William Scott.

Congregational Christian Church. Rides from the Chapel and East Campus Circle at 6:15 p.m.

Westminster Fellowship:

Sunday, December 6th,

9:30 a.m. Bible Class. Room 208, Flowers Building.

6:15 p.m. "The Covenant Community." Speaker: Mrs. J. Campbell. The Ark, East Campus.

Wednesday, December 9th,

7:15 a.m. Holy Communion. East Duke Chapel. Breakfast following.

Lutheran Student Association:

Sunday, December 6th,

9:45 a.m. Sunday School. Local Churches.

6:30 p.m. Joint dinner meeting at Chapel Hill with U.N.C. group. Joint panel: "Ecumenicity." Transportation at East Campus Circle and Chapel at 5:30 p.m.

Unitarian Fellowship:

Sunday, December 6th,

7:30 p.m. "Christmas Service." Speaker: Reverend Sidney Freeman of the Unitarian Church of Charlotte. Room X 204, Union Building.

ENGINEERING FACULTY COUNCIL

The Engineering Faculty Council will meet on Monday, December 7th at 4:00 p.m. in the Conference Room of the Engineering Building.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, December 7th, in Room 113, Biology Building, at 4:15 p.m. Dr. Jonathan B. Wittenberg, Albert Einstein College of Medicine, Yeshiva University, will speak on "Oxygen Transport; Active and Passive." Coffee will be served in Room 113, at 3:50 preceding the seminar.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

Dr. Waldo Beach, Director of Graduate Studies in Religion and Professor of Christian Ethics at Duke University, will address the Trinity College Historical Society on Christianity and History, Monday, December 7th, at 6:00 p.m. in the private dining room of the Men's Graduate Center. Following Dr. Beach's presentation, there will be a general discussion. Reprints of a recent article by Professor Beach on this subject may be had upon request from the president; a copy is also on Professor Parker's desk reserve shelf in the Graduate Reading Room. All friends and members of the Society are invited to attend.

ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m., Monday, December 7th in the Green Room, East Duke Building. The speaker will be Professor Robert S. Rogers of the Department of Latin, who will discuss "Two Problems of Freedom of Speech under the Roman Empire." Old members are urged to renew their memberships, and a welcome is extended to guests and new members.

AMERICAN SOCIETY OF CIVIL ENGINEERS

The Student Chapter of the American Society of Civil Engineers will meet at 7:30 p.m. on Tuesday, December 8th, in the Engineering Auditorium. Mr. John Andrea, Chief Engineer for the City of Durham, will speak on some of the problems and aspects of municipal engineering. The public is cordially invited to attend the lecture.

PHI BETA KAPPA FALL INITIATION

The fall meeting for the initiation of students elected to Phi Beta Kappa on October 28th will be held on Tuesday evening, December 8th, at University House. Initiates and members should report not later than 8:00 p.m.

READERS CLUB PRESENTS "PERSONALITIES IN POETRY"

On Tuesday, December 8th, at 8:00 p.m. in the Green Room, East Duke Building, The Readers Club, a student organization sponsored by Esther Schwerman of the English Department faculty, will present "Personalities in Poetry," an hour of readings. Readers will be: John Bigger, Robert Barrier, Jean Ikenberry, Edward Laughinghouse, James Mattson, Joseph O'Donnell, Margaret Sapp and Reuben Rainey. The public is cordially invited.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, December 9th, at 4:00 p.m. in Room 123 Science Building, East Campus. Dr. W. D. Billings, Department of Botany, will speak on "Southern Hemisphere Alpine Tundra as Related to Patterned Ground."

Professor Billings has recently returned from a sabbatical year during which he studied plant races, plant growth, and productivity in the alpine tundra of New Zealand. His recent investigation is of particular interest because it extends his broad research program concerning the effect of severe cold environment on plant distribution. His previous investigations have been in the Great Basin Desert of Nevada, arctic tundra of Alaska, and alpine tundra of the Rocky Mountains of Wyoming.

PSYCHOLOGY COLLOQUIUM

Dr. Harry Levin of the Department of Child Development and Family Relationships, Cornell University, Ithaca, New York, will speak on "Manifestation of Pride and Shame in Children's Language" at the Psychology Colloquium on Wednesday, December 9th, in Room 209, Bivins Building at 4:30 p.m. Coffee will be served at 4:00.

DUKE PLAYERS PRESENT "THE IMPORTANCE OF BEING EARNEST"

The Duke Players will present "The Importance of Being Earnest" by Oscar Wilde, Wednesday through Saturday evenings, December 9, 10, 11 and 12 in Branson Hall at 8:15 p.m. This will be an arena production of the classic Wilde farce-comedy. Admission is \$1.00 or by season ticket.

Since Branson Hall seats only 170 spectators, faculty attendance is urged for the Wednesday and Thursday evening performances. Reservations for all nights may be made by calling Page Auditorium Box Office, Monday through Friday, from 3:00 until 5:30 p.m., or Branson Box Office, Wednesday through Saturday, from 3:00 p.m. until show time.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet in Room 208, Flowers Building, on Thursday, December 10th.

PRE-MEDICAL AND LEGAL SOCIETIES MEET

On Thursday night, December 10th, the Duke Pre-Medical Society, in conjunction with the Bench 'n' Bar Pre-Legal Society, will present Mr. E. C. Bryson, Professor of Law at Duke Law School, speaking on "Medico-Legal Problems," at 8:00 p.m. in the Hospital Amphitheater. Faculty, staff, and students of the University are invited. In addition to his posi-

tion as Professor of Law, Mr. Bryson is at present University Attorney, Chairman of the Committee on Medico-Legal Problems of the North Carolina Bar Association, member of the General Statutes Commission of the State of North Carolina, lecturer to a paramedical course in "Hospital Administration" at Duke Hospital, and is giving a series of lectures on "Legal Medicine" to advanced medical students at the Medical School.

CONCERT BAND AND WIND ENSEMBLE PERFORMANCE

On Thursday evening, December 10th, the Duke University Concert Band and the Duke Wind Ensemble, conducted by Paul Bryan, will present their fall concert in Page Auditorium at 8:15 p.m.

Special feature of the program will be the appearance of Mr. Emerson Head, Director of Bands at Wake Forest College, as trumpet soloist. He will perform "Dramatic Essay" for solo trumpet and band by Clifton Williams. Mr. Head has appeared as trumpet soloist in Carnegie Hall in New York and Symphony Hall, Boston, Massachusetts. Having graduated from the University of Michigan in 1957, he served as first trumpet and assistant conductor of the Jacksonville, Florida Symphony Orchestra, as well as instructor in brass instruments at Jacksonville University. He has also been a trumpet instructor and staff conductor at the Transylvania Music Camp and is now at Wake Forest College as instructor in Band, Orchestra, and Brass Instruments.

There is no admission charge and the public is cordially invited.

The program follows:

Three Cantus Firmus settings:

Chorale Prelude, "In Dir ist Freude" J. S. Bach

Chorale Prelude, "O Gott, Du frommer Gott" Brahms

Passacaglia Cyril Scott

Music for smaller Wind Ensembles:

Canzona Peter Mennin

Scherzo alla Marcia, 2nd movement from Symphony

No. 8 in D minor Ralph Vaughn Williams

Symphonic Poem, "Psyche and Eros"

INTERMISSION

Overture to the Opera "Il Signor Bruschino" Rossini

Dramatic Essay for Solo Trumpet and Band Clifton Williams

Emerson Head, Trumpet

Overture to the Opera "Die Meistersinger" Wagner

FOUNDERS' DAY EXERCISES

Founders' Day Exercises will be held in Page Auditorium at 10:20 a.m. on Friday, December 11th. The theme will be the relationship that exists between the Duke Alumni and the University. Dr. Edens will preside, and the speakers will be Mr. Richard E. Thigpen '22, an attorney of Charlotte, North Carolina, and vice chairman of the Board of Trustees, and Mr. Alex H. Sands, Jr., of New York City, vice chairman of the Board of Trustees of the Duke Endowment and member of the University Board of Trustees. Mr. Thigpen will speak on "What the University Means to Its

Alumni" and Mr. Sands on "What Its Alumni Mean to Duke University." Past presidents of the General Alumui Association, organized more than 100 years ago, will be honor guests at the occasiou.

In accordance with the usual practice, classes will be suspended during the exercises. Carillou music by Geoffrey Simon will be heard at 10:10 a.m. Special music will be presented by an ensemble from the Duke Symphony Orchestra under the direction of Professor Allan Boue. A gift presentation by the senior classes of Trinity College, Woman's College, and the Colleges of Engineering and Nursing will be made. The public is invited.

The National Council will meet at a luncheon at 12:30 p.m. in the Union Ballroom with Dr. William R. Pitts '29, Charlotte, North Carolina surgeon, chairman of the Couucil, presiding. Dr. Edens will address the group, and reports on the Loyalty Fund, submitted by Mrs. L. B. Jenkins '10 of Kinston, North Carolina, and on the Bequest Program, submitted by Mr. B. S. Womble '04 of Winston-Salem, North Carolina, will be presented.

POLITICAL SCIENCE GRADUATE SEMINAR

The Graduate Seminar of the Department of Political Science will meet on Friday, December 11th, at 3:00 p.m. in Room 302, Library. Dr. John D. Montgomery of the Council on Foreign Relations will speak on "Political Dimensions of Foreign Aid."

CHEMISTRY STAFF SEMINAR

Dr. Peter Smith, Assistant Professor of Chemistry, will speak at the Chemistry Staff Seminar on Friday, December 11th at 4:00 p.m. in Room 01, of the Chemistry Building. The subject of Dr. Smith's address will be "The Kiueties of the Photodecomposition of Hydrogen Peroxide in Aqueous Solution." All interested persons are invited.

BLANSHARD STUDY GROUP

The Blanshard Study Group will hold its final meeting on Friday, December 11th, at 7:30 p.m., in Room 201, Flowers Building. Participants will present their conclusions, followed by general discussion.

FACULTY CLUB CHRISTMAS PARTY

The annual Faculty Club Christmas Party will be held in the West Campus Union, Saturday, December 12th at 6:30 p.m. Dinner will be served in Dining Halls B and C promptly at 7:00 p.m.

Members who have paid their dues are entitled to one ticket without further charge and may purchase one guest ticket for \$3.00. All tickets must be secured from the Club Treasurer, W. J. Griffith, in Room 202A, Flowers Buildiug, prior to 5:00 p.m. Wednesday, December 9th.

MEDICAL DAMES CHRISTMAS DANCE

The Duke Medical Dames will entertain at a Christmas dance Saturday, December 12th, at the Washington Duke Crystal Ballroom from nine 'til twelve. The dance will be semi-formal.

VACATION HOSPITALITY FOR FOREIGN STUDENTS

A number of foreign students will be on campus during the Christmas holidays and have indicated their desire to share in the holiday with a Durham family. Any faculty member who would like to entertain one or two students in his home for a meal during the holidays is urged to call the Religious Life Office ou East Campus, Extension 2909. This project is sposored by the Interfaith and Fellowship Committee of the University Religious Counciel.

SOCIAL STANDARDS CALENDARS

The Social Standards Calendars (priced at \$1.50 each) will go on sale on Tuesday, December 8th, at 7:00 p.m. This year's calendars have forty new pictures of Duke and provide ample space for recording day-by-day reminders. Ideal for Christmas gifts, the calendars may be purchased from any Social Standards Representative, and at the Alumni Office, Room 106, Union Building.

ADVANCE NOTICE DURHAM CIVIC CHORAL SOCIETY CHRISTMAS CONCERT

The Durliam Civic Choral Society will present its annual winter concert Monday evening, December 14, at 8:15 p.m., in the Womau's College Auditorium. Dr. Paul Bryan will conduct the chorus with orchestra and organ accompaniment. The program will consist of Bach Cantatas of the Christmas season. There is no admission charge and the entire Duke Community is invited to attend.

ADVANCE NOTICE U.R.C. DINNER LECTURE FOR FACULTY AND ADMINISTRATION

The Faeulty Program Committee of the Religious Council will hold a dinner meeting at 6:00 p.m., Deember 15th, in the Union Ball Room. The speaker for the evening will be Dr. Harold K. Schilling, Dean of the Graduate School of the Peunsylvania State University, who will discuss "Science, Religion and Education—A Modern Trinity."

Dr. Schilling has served as Associate Editor of the American Journal of Physics, as a member of the governing board of the American Institute of Physics, and as a member of the Council of the American Association for the Advancement of Science. Dean Schilling has been active in meeting with faculty members in this country who have concerns related to scientific, religious and educational matters.

Wives and husbands of faculty and administration members of the University Community are cordially invited to attend this dinner meeting. The formal part of the meeting will adjourn in time for persons planning to attend the Isaac Stern concert at 8:15 p.m. There will be opportunity for informal discussion after the dinner meeting. The dinner will cost \$1.50 and reservations may be made by calling or writing the Chapel Office (extension 2921) on or before December 10th.

WEEK OF

Dec. 13-19, 1959

WEEK OF

Dec. 13-19, 1959

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, December 13

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "The Nature of Christmas." Broadcast over Radio Station WDNC and WDNC-FM.
8:00 p.m. The Christmas Pageant. University Chapel.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, December 14

- 4:15 p.m. Zoology Seminar. Room 113, Biology Building. Speaker: Dr. J. L. Kostyo.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.
8:00 p.m. Duke Nursery School Parents Meeting. Room 109, Bivins Building. Speaker: Dr. Gelolo McHugh.
8:15 p.m. Durham Civil Choral Society Concert. Woman's College Auditorium.

Tuesday, December 15

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Rev. William T. Scott, Jr.
4:00 p.m. "Science, As It Really Is"—A Talk by Dr. Harold K. Schilling. Room 113, Physics Building.
4:00 p.m. Mathematics Seminar. Room 138, Physics Building. Speaker: Professor Leonard Carlitz.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
8:15 p.m. Artists' Series Concert: Isaac Stern, Violinist. Page Auditorium.

Wednesday, December 16

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Divinity School Choir Christmas Music.
12:30 p.m. U.R.C. Sponsors Faculty-Administration Luncheon. Men's Graduate Center.
4:00 p.m. Botany Seminar. Room 123, Science Building. Speaker: Dr. Shemuel Duvdevani.
5:30 p.m. Cabot Society. Private dining room, Men's Graduate Center.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

7:00 and 9:00 p.m. "Tales of Hoffmann" with Moira Shearer, Leonide Massine, Robert Helpmann, Robert Rounseville, and Ludmilla Tcherina. Sir Thomas Beecham conducts the Royal Philharmonic Orchestra. This film is the technicolor production of the opera by Jacques Offenbach.

7:30-9:00 p.m. Divinity School Christmas Program. Methodist Student Center.

8:15 p.m. "A Yule Fest." Branson Hall.

Thursday, December 17

10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Webb Leonard.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. "A Yule Fest." Branson Hall.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, December 18

10:10 a.m. Divinity School Morning Chapel. York Chapel. Holy Communion. Mr. O. Kelly Ingram.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

7:30 p.m. Student Union Christmas Carol Party. The Ark.

8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.

Saturday, December 19

12:30 p.m. Christmas Recess Begins.

MERRY CHRISTMAS
AND
A HAPPY NEW YEAR

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday morning, December 13th, at 11:00 a.m. in the University Chapel. His subject will be "The Nature of Christmas."

The Reverend Robert P. Hyatt, Association Director of Religious Life, Presiding Minister

Prelude—"Noel" *Daquin*
"How Brightly Shines the Morning Star" *Pachelbel*

Call to Worship—"Fanfare for Christmas Day" *Martin Shaw*

Gloria in excelsis Deo.
Hymn—"O Come, all Ye Faithful" *Unknown*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Born Is the Lord Emanuel" *Prætorius*

Scripture—Luke 2: 8-16

Hymn—"Joy to the World"

Arr. from George F. Handel

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering—

Offertory Organ Interlude

Anthem—"Behold a Star from Jacob Shining" *Mendelssohn-Bartholdy*

Response—The Doxology

Prayer of Dedication

Sermon—"The Nature of Christmas"

Prayer

Benediction

Chorale Response—"Sevenfold Amen" *Stainer*

The Chimes

Postlude—"In Dulci Jubilo" *Bach*

SUNDAY DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, December 13th,
9:45 a.m. Sunday School. Local Baptist Churches.

6:15 p.m. Training Union. Local Baptist Churches.

Wednesday, December 16th,
6:30 p.m. Carolling and Reception following at the home of Rev. William C. Smith, Jr.

Episcopal Student Fellowship:

Sunday, December 13th,
9:30 a.m. Holy Communion. Archbishop Cranmer House.

6:00 p.m. Faculty-Student Christmas Party. Buffet Supper. Bus will leave East Campus circle at 5:45 p.m. Archbishop Cranmer House.

Thursday, December 17th,
8:00 a.m. Holy Communion. Archbishop Cranmer House.

Lutheran Student Association:

Sunday, December 13th,
9:45 a.m. Sunday School. Local Churches.
6:30 p.m. L.S.A. "The Christmas Story," by Miss Barbara Mann. Christmas Carols will be included in the program.

Methodist Student Association:

Sunday, December 13th,
9:15 a.m. Worship. Methodist Student Center.
9:30 a.m. Classes. Methodist Student Center.
6:30 p.m. Worship. Methodist Student Center.
7:00 p.m. Seminar: "Kafka." Speaker: Dr. Robert Beare. Forum: "Prayer." Speaker: Dr. Clyde Manschreck. Methodist Student Center.

Wednesday, December 16th,
6:00 p.m. Special Advent Corporate Communion. Methodist Student Center.

Society of Friends:

Sunday, December 13th,
7:30 p.m. Pre-Christmas Play by First Day School. Christmas Carols will be included in the program. Friends Meeting House.

Westminster Fellowships

Sunday, December 13th,
9:30 a.m. Bible Class. Room 208, Flowers Building.
6:15 p.m. Carolling. The Ark. East Campus.

Wednesday, December 16th,
5:30 p.m. Westminster Supper Club. East Campus Union.

CHRISTMAS PAGEANT

The Christmas Pageant will be presented in the University Chapel on Sunday evening, December 13th, at eight o'clock, under the direction of Kenneth Reardon, Director of Duke Players. The Reverend Professor J. H. Phillips will be Presiding Minister. Choral music will be furnished by the combined Duke Men's Chorus and Women's Chorus, directed by William E. Waters, Assistant Director of Choral Activities. Organist will be Eugene Mauney. Joseph C. Wetherby will be the Reader.

Members of the staff of Duke players will provide assistance in the staging of the tableaux which tell the Christmas story in dramatic form. Gary Tunmore will be stage manager. Costuming will be under the supervision of Mrs. Cynthia S. Reardon, assisted by Bonnie Reardon. Make-up will be by Jeff Derecki and assistants.

The Christmas Pageant was originated over a quarter of a century ago by Professor Emeritus H. E. Spence, and the verse which Professor Wetherby will read as introduction to the tableaux was written by Dr. Spence.

The characters in the tableaux will be portrayed by Mike McManus, as the Prophet; Lola Powers, as the Angel; Laura Owens, as the Madonna; Joe Sturdevant, as Joseph; Jimmy Lee, Brian Young, John Cole, and Becky Reardon, as Shepherds; and Clay Hollister, Larry Shriver, and Charles Richman, as Wise Men.

Soloists will be John Hanks, tenor; Geoffrey Simon, bass; Gretchen Ruffy, soprano; and Bryant Lindsey, John Day, and Edward Jones who will sing for the tableau depicting the visiting of the wise men.

ZOOLOGY SEMINAR

The Department of Zoology will hold its weekly semiuar on Monday, December 14, at 4:15 p.m. in Room 113 Biology Building. Dr. J. L. Kostyo, Department of Physiology and Pharmacology, Duke University Medical School, will speak on, "Recent Studies on the Mechanism of Action of Pituitary Growth Hormone." Coffee will be served in Room 119 at 3:50 preceding the seminar.

DUKE NURSERY SCHOOL PARENTS MEETING

Dr. Gelolo McHugh will speak on Monday, December 14th at 8:00 p.m. to the Duke University Nursery School Parents, in Room 109, Bivins Building. His topic will concern Santa Claus. Anyone interested in Dr. McHugh's unique approach to the "Christmas Spirit and Children" is cordially invited to attend.

DURHAM CIVIC CHORAL SOCIETY CONCERT

The Durham Civic Choral Society will present its annual Winter Concert Monday evening, December 14th, at 8:15 in the Woman's College Auditorium. Dr. Paul Bryan will conduct the chorus with orchestra and organ accompaniment. The program will feature three Bach cantatas: No. 63, "Christians,

Mark Ye Well This Day!"; No. 122, "Unto the World This Happy Morn"; and No. 191, "Gloria in Excelsis Deo." There is no admission charge and the entire Duke Community is invited to attend.

"SCIENCE, AS IT REALLY IS" A TALK BY DR. HAROLD K. SCHILLING

Dr. Harold K. Schilling, Dean of the Graduate School of the Pennsylvania State University, will discuss "Science, As It Really Is" at 4:00 p.m., Tuesday, December 15th, in Room 113, of the Physics Building. Dr. Schilling, whose research in Physics has been in the areas of single crystal metals; spectrophotometry; acoustics and ultrasonics will discuss his views concerning science. The University Community is cordially invited to attend this meeting.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, December 15th at 4:00 p.m. in Room 138, Physics Building. The speaker, Professor Leonard Carlitz, will discuss "External Properties of Exponential Sums."

ARTISTS' SERIES PRESENTS ISAAC STERN, VIOLINIST

The second concert in the 1959-60 Artists' Series will be the presentation of the internationally famous violinist, Isaac Stern on Tuesday, December 15th, in Page Auditorium at 8:15 p.m.

The program follows:

I

1. Sonata in D major, Opus 12, No. 1 Beethoven
Allegro con brio
Tema con variazioni—Andante con moto
Rondo: Allegro

2. Sonata in A major Franck
Allegro hen moderato
Allegro
Recitativo—Fantasia
Allegretto poco mosso
Intermission

II

3. Duo for Violin and Piano (1947).... Leon Kirchner
4. Fantasia in C major, Opus 159 Schubert
Andante molto—Allegretto—Andantino—Allegro
5. a) Vocalise, Opus 34 Rachmaninoff
b) Songs of Home..... Smetana

Iudividual tickets for the concert are available priced at \$2.00, \$2.50, and \$3.00 and may be secured in Room 202-A Flowers Building, or by calling extension 2911.

U.R.C. SPONSORS FACULTY-ADMINISTRATION LUNCHEON

There will be a luncheon for members of the Faculty and Administration of the University who are interested in joining an informal discussion with Dr. Harold K. Schilling on Wednesday, December 16, at 12:30 p.m. in the Men's Graduate Center. Discussion will center on Dr. Schilling's experiences and interests in Science, Religion and Education. Lunch may be obtained by passing through the regular cafeteria line.

COLLEGE OF ENGINEERING
Final Examination Schedule
Fall, 1959-60

Course No.	Date	Time	Room No.				
Engrg. 1.1	Thursday, Jan. 21	2:00- 5:00 p.m.	47.208	113.3	Saturday, Jan. 23	9:00-12:00 a.m.	47.227
1.2	Thursday, Jan. 21	2:00- 5:00 p.m.	47.209	113.4	Saturday, Jan. 23	9:00-12:00 a.m.	47.227
1.3	Saturday, Jan. 23	9:00-12:00 a.m.	47.209	116.1	Saturday, Jan. 23	9:00-12:00 a.m.	47.117
1.4	Tuesday, Jan. 26	9:00-12:00 a.m.	47.209	116.2	Saturday, Jan. 23	9:00-12:00 a.m.	47.117
1.5	Monday, Jan. 25	2:00- 5:00 p.m.	47.208	141.1	Wednesday Jan. 27	9:00-12:00 a.m.	47.222
1.6	Saturday, Jan. 23	9:00-12:00 a.m.	47.208	141.2	Thursday, Jan. 21	9:00-12:00 a.m.	47.212
1.7	Tuesday, Jan. 26	9:00-12:00 a.m.	47.208	141.3	Wednesday, Jan. 27	9:00-12:00 a.m.	47.224
1.8	Monday, Jan. 25	2:00- 5:00 p.m.	47.209	153.1	Thursday, Jan. 21	9:00-12:00 a.m.	47.224
57.1	Thursday, Jan. 28	7:00-10:00 p.m.	47.226	164.1	Tuesday, Jan. 26	9:00-12:00 a.m.	47.222
57.2	Thursday, Jan. 28	7:00-10:00 p.m.	47.227	167.1	Friday, Jan. 22	9:00-12:00 a.m.	47.224
57.4	Thursday, Jan. 28	7:00-10:00 p.m.	47.226	167.2	Wednesday, Jan. 27	9:00-12:00 a.m.	47.218
57.5	Thursday, Jan. 28	7:00-10:00 p.m.	47.227	171.1	Tuesday, Jan. 19	9:00-12:00 a.m.	47.222
107	Thursday, Jan. 28	9:00-12:00 a.m.	47.117	171.2	Wednesday, Jan. 27	9:00-12:00 a.m.	47.140
115.1	Thursday, Jan. 21	2:00- 5:00 p.m.	47.117	173.1	Friday, Jan. 29	9:00-12:00 a.m.	47.140
115.2	Thursday, Jan. 21	2:00- 5:00 p.m.	47.226	173.2	Friday, Jan. 29	9:00-12:00 a.m.	47.212
115.3	Thursday, Jan. 21	2:00- 5:00 p.m.	47.226	173.3	Friday, Jan. 29	9:00-12:00 a.m.	47.224
115.4	Thursday, Jan. 21	2:00- 5:00 p.m.	47.227	201.1	Tuesday, Jan. 26	9:00-12:00 a.m.	47.224
153	Thursday, Jan. 28	9:00-12:00 a.m.	47.209	202.1	Thursday, Jan. 28	9:00-12:00 a.m.	47.140
169.1	Thursday, Jan. 28	9:00-12:00 a.m.	47.222				
CE	61.1	Thursday, Jan. 21	9:00-12:00 a.m.	47.218			
	61.2	Thursday, Jan. 21	9:00-12:00 a.m.	47.216			
101.1	Saturday, Jan. 23	9:00-12:00 a.m.	47.010				
101.2	Saturday, Jan. 23	9:00-12:00 a.m.	47.010				
113.1	Wednesday, Jan. 27	9:00-12:00 a.m.	47.117				
113.2	Wednesday, Jan. 27	9:00-12:00 a.m.	47.117				
123	Wednesday, Jan. 20	9:00-12:00 a.m.	47.208				
131	Tuesday, Jan. 26	9:00-12:00 a.m.	47.117				
132	Tuesday, Jan. 26	9:00-12:00 a.m.	47.226				
135	Thursday, Jan. 28	9:00-12:00 a.m.	47.139				
EE	53.1	Monday, Jan. 25	2:00- 5:00 p.m.	47.216			
	53.2	Monday, Jan. 25	2:00- 5:00 p.m.	47.212			
55.1	Wednesday, Jan. 20	9:00-12:00 a.m.	47.212				
55.2	Wednesday, Jan. 27	9:00-12:00 a.m.	47.212				
55.3	Thursday, Jan. 28	9:00-12:00 a.m.	47.216				
109.1	Tuesday, Jan. 19	9:00-12:00 a.m.	47.117				
109.2	Wednesday, Jan. 20	9:00-12:00 a.m.	47.222				
109.3	Wednesday, Jan. 20	9:00-12:00 a.m.	47.117				
111.1	Saturday, Jan. 23	9:00-12:00 a.m.	47.101				
111.2	Monday, Jan. 25	2:00- 5:00 p.m.	47.101				
111.3	Saturday, Jan. 23	9:00-12:00 a.m.	47.101				
111.4	Saturday, Jan. 23	9:00-12:00 a.m.	47.115				
111.5	Monday, Jan. 25	2:00- 5:00 p.m.	47.115				
123.1	Tuesday, Jan. 19	9:00-12:00 a.m.	47.212				
123.2	Thursday, Jan. 28	9:00-12:00 a.m.	47.212				
125.1	Saturday, Jan. 23	9:00-12:00 a.m.	47.107				
125.2	Monday, Jan. 25	2:00- 5:00 p.m.	47.107				
159.1	Thursday, Jan. 21	9:00-12:00 a.m.	47.105				
173.1	Thursday, Jan. 28	9:00-12:00 a.m.	47.310				
173.2	Thursday, Jan. 21	9:00-12:00 a.m.	47.01				
173.3	Friday, Jan. 22	9:00-12:00 a.m.	47.06				
181.1	Tuesday, Jan. 19	9:00-12:00 a.m.	47.216				
181.2	Wednesday, Jan. 20	9:00-12:00 a.m.	47.216				
183.1	Monday, Jan. 25	2:00- 5:00 p.m.	47.113				
183.2	Saturday, Jan. 23	9:00-12:00 a.m.	47.113				
183.3	Monday, Jan. 25	2:00- 5:00 p.m.	47.113				
191.1	Tuesday, Jan. 19	9:00-12:00 a.m.	47.201				
191.2	Wednesday, Jan. 20	9:00-12:00 a.m.	47.201				
193.1	Monday, Jan. 25	2:00- 5:00 p.m.	47.02				
193.2	Saturday, Jan. 23	9:00-12:00 a.m.	47.02				
193.3	Monday, Jan. 25	2:00- 5:00 p.m.	47.02				
199.1	Wednesday, Jan. 27	9:00-12:00 a.m.	47.201				
211.1	Tuesday, Jan. 26	9:00-12:00 a.m.	47.212				
202	Tuesday, Jan. 26	9:00-12:00 a.m.	47.201				
173.4	Tuesday, Jan. 26	9:00-12:00 a.m.	47.216				
ME	59.1	Tuesday, Jan. 19	9:00-12:00 a.m.	47.140			
	59.2	Wednesday, Jan. 20	9:00-12:00 a.m.	47.140			
59.3	Thursday, Jan. 28	9:00-12:00 a.m.	47.324				
101.1	Wednesday, Jan. 20	9:00-12:00 a.m.	47.226				
101.2	Thursday, Jan. 28	9:00-12:00 a.m.	47.217				
103.1	Tuesday, Jan. 19	9:00-12:00 a.m.	47.224				
105.1	Tuesday, Jan. 26	9:00-12:00 a.m.	47.140				
105.2	Wednesday, Jan. 20	9:00-12:00 a.m.	47.224				
113.1	Saturday, Jan. 23	9:00-12:00 a.m.	47.226				
113.2	Saturday, Jan. 23	9:00-12:00 a.m.	47.226				

UNIVERSITY
OFFICIAL EXAMINATION SCHEDULE
Fall Semester, 1959-60
 ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN JANUARY 8 TO REQUEST A CHANGE IN SCHEDULE.

		Friday	7:00 p.m.	PHYSICAL EDUCATION
		January 15		
		Monday	Undergraduate	
		January 18	Reading Period	
		Tuesday	9:00-12:00 a.m.	MWF, FIRST PERIOD
		January 19	2:00- 5:00 p.m.	Economics 57
			7:00-10:00 p.m.	History 1, E1, 1X
		Wednesday	9:00-12:00 a.m.	MWF, SECOND PERIOD
		January 20	2:00- 5:00 p.m.	Botany 1
			7:00-10:00 p.m.	Physics 1, 41
		Thursday	9:00-12:00 a.m.	MWF, THIRD PERIOD
		January 21	7:00-10:00 p.m.	All Languages 1, 2
		Friday	9:00-12:00 a.m.	MWF, FOURTH PERIOD
		January 22	7:00-10:00 p.m.	Mathematics 1, 6, 52
		Saturday	9:00-12:00 a.m.	MWF, SIXTH PERIOD
		January 23	2:00- 5:00 p.m.	English 1
		Monday	9:00-12:00 a.m.	MWF, FIFTH PERIOD & Naval Science
		January 25	2:00- 5:00 p.m.	TTS, SIXTH PERIOD Religion 1
			7:00-10:00 p.m.	
		Tuesday	9:00-12:00 a.m.	TTS, FIRST PERIOD
		January 26	2:00- 5:00 p.m.	Chemistry 1
			7:00-10:00 p.m.	Economics 51
		Wednesday	9:00-12:00 a.m.	TTS, SECOND PERIOD
		January 27	2:00- 5:00 p.m.	Mathematics 5
			7:00-10:00 p.m.	Air Sci. & Greek 15
		Thursday	9:00-12:00 a.m.	TTS, THIRD PERIOD
		January 28	2:00- 5:00 p.m.	French & Spanish 63
			7:00-10:00 p.m.	Philosophy 48, 49
		Friday	9:00-12:00 a.m.	TTS, FOURTH PERIOD
		January 29	2:00- 5:00 p.m.	Political Science 11, 61

Chemistry (except Chemistry 1) and Zoology classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING JANUARY 19, 9:00 A.M. AND ENDING JANUARY 29, 5:00 P.M. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 A.M. JANUARY 19, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, December 16th, at 4:00 p.m. in Room 123, Science Building, East Campus. Dr. Shemuel Duvdevani, Division of Dew Research, Agricultural Research Station of Israel, will speak on "Dew and Its Effect on Plants Under Arid Conditions."

CABOT SOCIETY

Cabot Society, an informal group of students in the Medical and Nursing Schools, will meet this Wednesday, December 16, in a private dining room in the Men's Graduate Center. The speaker will be Chaplain Howard C. Wilkinson, whose topic will be "The Personal Integrity of the Physician." Students who expect to attend will go through the cafeteria line and bring their trays to the private dining room at 5:30 p.m.

"A YULE FEST"

The Terpsichorean Club with the Duke Players and the Department of Aesthetics, Art, and Music will present "A Yule Fest," a Christmas Concert with dance, drama, and music, on Wednesday and Thursday, December 16 and 17, at 8:15 p.m. in Branson Hall. There will be no admission charge and the public is invited. Wassail will be served after the concert.

The program follows:

LUTE DANCE c. 1550

Medieval Combo Bill Allgood—bassoon
Russell Jones—clarinet and bells
Judy Hock—flute
Mary Cartwright—recorder and psalter
Susan Matthews—bells, psalter, drum
Shannon Harrison—bells, psalter, drum

ESTAMPIE 13th Century

Dancers accompanied by Combo.
Choreographed by Mary Trotter
Dancers: Mary Trotter
Gwyn Hutchinson
Barbara Figge
Gay Blair

JOY DANCE

Bring a Torch—Traditional French Carol
Fum Fum Fum—Spanish Danee Carol
Touralouraloura—Saboly
Masters in This House—Old French Carol
Dancers accompanied by Combo and Mrs. Martha Greyer on piano.
Choreographed by Julie Sutherland
Danced by Julie Sutherland
Gwyn Hutchinson
JoAnn White
Gail Pafford
Carol Williams

READINGS

Lola Powers
Gary Tunmore
Larry Warner

VOICE ENSEMBLE

- a) Gloria in Execlis (from "Gloria") Vivaldi
b) O Magnum Mysterium Vittoria
c) For Unto Us a Child Is Born
Laud We the Name of God
Alleluia Bach
d) Bethlehem Town Warlock
e) Glory to God in the Highest Sowerby

Soprano—Carol Dyer	Alto—	Claudia Bray
Flora Fuqua	Elander Dennis	Jeanette Glass
Jean Ikenberry	Nancy Lassiter	Libba Herbert
Nancy Smathers	Roxanne Smathers	Nancy Nieman

Tenor— Mike Best	Bass—	Neill Andrews
Lance Funderburke		Edward Ballowe
Chuck Moore		John Cleveland
Bill Morgan		Hun-du Kim
		Howard Shokey

Accompanist—William Waters Students of John Hanks
Director—Geoffrey Simon and Barbara Cushman
Cherry Tree Carol—Kentucky Mountains Carol
Pretty Little Baby—Negro Spiritual sung by Mike Best

ON FREEZING WINTER NIGHT

Dancers accompanied by an original poem by Millard Dunn.
Readers: Laura Owens, Anne Lightfoot, Lola Powers
Danced by Barbara Figge
Judy Hock
Anne Lightfoot

WHAT CHILD IS THIS

Choreographed and danced by Mrs. Julia Wray

COVENTRY CAROL Pageant of the Shearmen and Tailors
Dancers accompanied by Combo
Choreographed by Lissa Cook
Danced by Lissa Cook
Betty Jo Johnson
JoAnn White
Patsy Miller
Anne Goddin
Gail Pafford
Mary Trotter

ANGELS WE HAVE HEARD ON HIGH

Traditional French Carol

Dancers accompanied by Combo
Choreographed by Barbara Figge
Danced by Gwyn Hutchinson
Gay Blair
Julie Sutherland
JoAnn White
Marcy Gress
Anne Lightfoot
Betty Jo Johnson
Susan Fox
Patsy Miller
Anne Goddin
Lissa Cook

UNIVERSITY SPRING ACTIVITIES CALENDAR NOTICE

Announcements for the printed UNIVERSITY SPRING ACTIVITIES CALENDAR, compiled, published, and distributed by the Student Union's House Committee, must be in 202-A Flowers by December 18th in order to be in the printer's hands for a February first release. Faculty and Staff members scheduling events for the Spring Semester are urged to get their announcements in at once.

CHAPEL SERVICES

The next three Sundays fall within the Christmas academic recess. The regular University Service of Worship will not be held during this period. Instead, a thirty-minute devotional service of organ music, prayers and Scripture readings will be conducted on each of these three Sundays. The service in each instance will begin at 11:00 a.m.

FRENCH EXAMINATION

The French Examination for candidates for graduate degrees will be given January 8, 1960 in Rooms 113-114 Physics Building.

VACATION HOSPITALITY FOR FOREIGN STUDENTS

A number of foreign students will be on campus during the Christmas holidays and have indicated their desire to share in the holiday with a Durham family. Any faculty member who would like to en-

ertain one or two students in his home for a meal during the holidays is urged to call the Religious Life Office on East Campus, Extension 2909. This project is sponsored by the Interfaith and Fellowship Committee of the University Religious Council.

SOCIAL STANDARDS CALENDARS

The Social Standards Calendars (priced at \$1.50 each) will go on sale on Tuesday, December 8th, at 7:00 p.m. This year's calendars have forty new pictures of Duke and provide ample space for recording day-by-day reminders. Ideal for Christmas gifts, the calendars may be purchased from any Social Standards Representative, and at the Alumni Office, Room 106, Union Building.

RESEARCH FELLOWSHIPS

A limited number of advanced research fellowships for well-established scholars are announced for work on projects of direct interest to NATO or to the Atlantic Community. Details may be obtained from Allen Building.

NOTICES FOR THE UNIVERSITY WEEKLY CALENDAR

Information to be published in the University Calendar for the week of January 4-9 must be in Room 202-A Flowers Building by 1:00 p.m., Thursday, December 17th.

The Christmas recess will begin at 12:30 p.m. on Saturday, December 19th, with classes resuming at 8:00 a.m. on Monday, January 4th.

WEEK OF
Jan. 4-9, 1960

CALENDAR

WEEK OF
Jan. 4-9, 1960

OF

DUKE UNIVERSITY



Events of the Week

Monday, January 4

- 4:00 p.m. Engineering Faculty Council Meeting. Conference Room of the Engineering Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 6:15 p.m. Freshman Basketball. Duke versus Fort Bragg All Stars. Indoor Stadium.
- 7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.
- 8:15 p.m. Varsity Basketball. Duke versus Bucknell. Indoor Stadium.

Tuesday, January 5

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. John J. Rudin.

- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 8:15 p.m. Student Union Lecture: The Honorable Hugh T. Gaitskell. Page Auditorium.

Wednesday, January 6

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. John J. Rudin.
- 4:00 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Dr. Arthur W. Cooper.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Your Past Is Showing" with Terry Thomas, Peter Sellers, Dennis Price, and Shirley Eaton. A highly humorous British film from the J. Arthur Rank studios. First time in Durham.

8:00 p.m. Duke-UNC Philosophy Colloquium. Room 211-A, West Duke Building. Speaker: Professor Percy Partridge.

8:30-9:30 p.m. Student Union Student-Faculty Coffee Hour. Flowers Lounge.

Thursday, January 7

10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Robert S. Barnes.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

8:00 p.m. Panel Discussion: "The Population Explosion." Union Ballroom.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, January 8

10:10 a.m. Divinity School Morning Chapel. Holy Communion. York Chapel. Dr. John J. Rudin.

4:00 p.m. French Examination. Rooms 113-114 Physics Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.

8:00 p.m. Duke-UNC Philosophy Colloquium. Faculty Lounge, Morehead Planetarium, Chapel Hill. Speaker: Professor David Pears.

Saturday, January 9

3:30 p.m. Duke-UNC Philosophy Colloquium. Room 211-A, West Duke Building. Speaker: Professor David Pears.

6:15 p.m. Freshman Basketball. Duke versus N.C. State Freshmen. Indoor Stadium.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Your Past Is Showing" with Terry Thomas, Peter Sellers, Dennis Price, and Shirley Eaton. A highly humorous British film from the J. Arthur Rauk studios. First time in Durham.

8:15 p.m. Varsity Basketball. Duke versus N.C. State College. Indoor Stadium.

ENGINEERING FACULTY COUNCIL MEETING

The Engineering Faculty Council will meet on Monday afternoon, January 4th, at four o'clock, in the Conference Room of the Engineering Building.

STUDENT UNION LECTURE THE HONORABLE HUGH T. GAITSKELL

The Educational Affairs Committee of the Student Union will present The Honorable Hugh T. Gaitskell in an address Tuesday evening, January 5th at 8:15 p.m. in Page Auditorium. Mr. Gaitskell, the leader of the British Labour Party, will take as his subject "The Role of the Opposition in the British Parliament." The address will be followed by a question and answer period.

Formerly an economics professor, Mr. Gaitskell succeeded Clement Attlee as leader of the British Labour Party in 1955 at the age of 49. He made an unsuccessful bid to unseat Prime Minister Harold Macmillan in the British national election held in early October. During World War II, he served in the Ministry of Economic Warfare and later in 1945 he became Labour member of parliament for South Leeds. He also has served as Minister of Fuel and Power, Minister of State for Economic Affairs, and Chancellor of the Exchequer.

There will be no admission charged and members of the University Community and the public are invited to attend. Doors will be opened at 7:30 p.m.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, January 6th, at 4:00 p.m. in Room 123 Science Building, East Campus. Dr. Arthur W. Cooper, North Carolina State College, Raleigh, will speak on "Relationships Between Plant Life-forms and Microclimate."

PANEL DISCUSSION: "THE POPULATION EXPLOSION"

The Human Relations Committee of the Y.M.C.A. will present a panel discussion on Thursday, January 7th, at 8:00 p.m., in the Union Ballroom. The topic for discussion will be "The Population Explosion." Participating in the panel will be: Dr. Joseph Spengler of the Economics Department presenting the economic viewpoint; Dr. Frank Engel of the Duke Hospital presenting the medical aspects; Dr. Guy Ranson of the Divinity School presenting the Protestant stand; and Father John Breunig, chaplain to the Duke and Carolina students presenting the Catholic position. The panel will be moderated by Dr. Donald Roy of the Sociology Department. The public is cordially invited.

DUKE-U.N.C. PHILOSOPHY COLLOQUIA

Two visiting philosophers from abroad will this week present papers to the philosophers at Duke and Chapel Hill. On Wednesday, January 6, Professor Percy H. Partridge, of the National University in Canberra, Australia, will speak on the "Philosophy of Polities." On January 8 and 9, Mr. David Pears

of Christ Church College, Oxford, now visiting Professor of Philosophy at Harvard University, will speak on two topics in the field of the philosophy of mind, on Friday at Chapel Hill, and on Saturday at Duke. Interested members of the University community are cordially invited to attend these colloquia.

FRENCH EXAMINATION

The French Examination for candidates for graduate degrees will be given January 8, 1960 in Rooms 113-114 Physics Building at 4:00 p.m.

ARTS COUNCIL LENDING LIBRARIES

The Arts Council Record and Reproduction Lending Libraries, located in Asbury Building on the Woman's College Campus is now open. Council fees will be accepted by either librarian. Please note the following hours and regulations:

Reproduction Library

Open 1:00-5:00 p.m.—Monday through Friday

Pictures are rented at a rate of 75c per month, for a limit of three months. A penalty of 25c a week will be charged for late return. Membership cards must be shown as loans are made.

Record Library

Open 2:00-5:00 and 7:00-10:00 p.m.—Monday through Friday

9:00-12:00—Saturday morning

2:00- 5:00—Sunday afternoon

Record lending fees: 4 days, 10c

5c per day thereafter

WEEK OF

Jan. 10-16, 1960

WEEK OF

Jan. 10-16, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, January 10

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Edmund A. Steimle, Professor of Homiletics, Lutheran Theological Seminary, Philadelphia, Pennsylvania. Sermon: "As It Was in the Beginning," Broadcast over Radio Station WDNC and WDNC-FM.
4:00 p.m. "Intermezzo." Southgate Dormitory. Tenor, David Witherspoon.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, January 11

- 4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Daniel A. Livingstone.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:00 p.m. Trinity College Historical Society Meeting. Men's Graduate Center. Speaker: Professor James Rutherford.

- 6:00 p.m. Naval Reserve Research Meeting. Room 135, Physics Building.
7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.
8:00 p.m. Demonstration of puppet-making. Duke University Nursery School, 109 Bivins, East Campus. Speaker: Mrs. M. B. Begdonoff.
8:00 p.m. Erasmus Club. Music Room, East Duke Building. Speaker: Professor C. Richard Sanders.
8:00 p.m. Labor-Management Discussion. Woman's College Auditorium. Speaker: Professor Patrick B. Comer, Jr.

Tuesday, January 12

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Egil Grislis.
3:00-5:00 p.m. Campus Club Guest Tea. University House.
4:00 p.m. Mathematics Seminar. Room 138, Physics Building. Speaker: Dr. Milton Lees.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Roger Brown.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:15 p.m. Freshman Basketball. Duke versus Wilmington Junior College. Indoor Stadium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

8:15 p.m. Varsity Basketball. Duke versus Clemson College. Indoor Stadium.

Wednesday, January 13

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Egil Grislis.

4:00 p.m. Botany Seminar. Room 123, Science Building. Speaker: Mr. Gilbert Hughes.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Gideon of Scotland Yard" with Jack Hawkins, John Loder, and Dianne Foster. A suspense masterpiece directed by four time Academy Award winner John Ford. First time in Durham.

Thursday, January 14

10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. P. D. Midgett.

4:00 p.m. Duke-U.N.C. Philosophy Colloquium. Faculty Lounge, Morehead Planetarium, Chapel Hill, North Carolina. Speaker: Professor John Passmore.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

5:30 p.m. Student N.E.A.-Kappa Delta Pi Meeting. Woman's College Union Building.

7:30 p.m. Korkes Memorial Lecture. Hospital Amphitheatre. Speaker: Professor Konrad Bloch.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, January 15

10:10 a.m. Divinity School Morning Chapel. York Chapel. Holy Communion. Dr. Egil Grislis.

3:00 p.m. Political Science Graduate Seminar. Room 302, West Campus Library. Speaker: Visiting Professor Percy H. Partridge.

3:30 p.m. Duke-U.N.C. Philosophy Colloquium. Room 211, West Duke Building. Speaker: Professor John Passmore.

8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.

Saturday, January 16

12:30 p.m. Semester classes end.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Gideon of Scotland Yard" with Jack Hawkins, John Loder, and Dianne Foster. A suspense masterpiece directed by four time Academy Award winner, John Ford. First time in Durham.

8:15 p.m. Varsity Basketball. Duke versus Maryland. Indoor Stadium.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Edmund A. Steimle, Professor of Homiletics, Lutheran Theological Seminary, Philadelphia, Pennsylvania, will deliver the sermon at the University Service of Worship on Sunday morning, January 10th, at 11:00 a.m. in the University Chapel. His subject will be "As It Was in the Beginning." The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister

Prelude—"Passacaglia in C Minor" Bach

Call to Worship—"The Lord Is in His Holy Temple," Harrington

Hymn—"O God, Our Help in Ages Past" William Croft

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Praise the Lord"

Scripture—Genesis 1: 26-31

Hymn—"O Worship the King"

Call to Prayer

The Pastoral Prayer

The Offering

Sermon—"As It Was in the Beginning"

Prayer

Benediction

Chorale Response—"Sevenfold Amen"

The Chimes

Postlude—"Fugue in C Minor"

SUNDAY DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, January 10th,

9:45 a.m. Sunday School. Local Baptist Churches.

6:15 p.m. Training Union. Local Baptist Churches.

Wednesday, January 13th

6:30 p.m. Forum. Speaker: Dr. Robert Seymour.

Episcopal Student Fellowship:

Sunday, January 10th,

9:30 a.m. Holy Communion. Episcopal Student Center.

6:30 p.m. Evening Prayer and Canterbury Meeting. Episcopal Student Center.

Tuesday, January 12th,

7:10 a.m. Holy Communion. Episcopal Student Center.

Thursday, January 14th,

8:00 a.m. Holy Communion. Episcopal Student Center.

Methodist Student Association:

Sunday, January 10th,

6:00 p.m. Worship. Methodist Student Center.

7:00 p.m. Seminar: "Creativity." Speaker: Professor William Klenz. Also, "The Church in Russia." Speaker: Nancy Brooks.

Lutheran Student Association:

Sunday, January 10th,

9:45 a.m. Sunday School. Local Churches.

6:30 p.m. Lutheran Student Association. 208 Flowers Building.

Society of Friends:

Sunday, January 10th,

7:30 p.m. Forum: "An Answer to the Future." Speaker: Mr. Joseph C. Sloane. Friends Meeting House.

Westminster Fellowship:

Sunday, January 10th,

9:30 a.m. Bible Class. 208 Flowers Building.

6:15 p.m. Westminster Fellowship. The Ark.

Wednesday, January 13th,

5:15 p.m. Westminster Supper Club. East Campus Union.

INTERMEZZO AT SOUTHGATE

The Student Union Music and Arts Committee and the residents of Southgate Dormitory will be hosts to the second Intermezzo program of the year in Southgate Dormitory on Sunday afternoon, January 10th, at four o'clock.

Mr. David Witherspoon, tenor, will present a program of songs accompanied at the piano by Rosalie Moffett. Mr. Witherspoon, Director in the Division of Promotion and Public Relations with WRAL-TV in Raleigh, is known widely in this area. Members of the University Community are cordially invited to attend the program and the social hour following.

The program will include:

I

Thanks Be to Thee
O Sleep, Why Dost Thou Leave Me?
The Trout
Who Is Sylvia?

Handel
Handel
Schubert
Schubert

II

Be Thou Faithful Unto Death
from "St. Paul"

Mendelssohn

III

The Flower Song—from "Carmen"

Bizet

IV

Have You Seen But a Whyte Lillie Grow?
When Love Is Kind
English Folk Songs

Plaint
Bohemian Folk Song
Kitty of Coleraine
Irish Folk Song

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, January 11th, in Room 113 Biology Building, at 4:15 p.m. Dr. Daniel A. Livingstone, Department of Zoology will speak on "The Geochemistry of Rivers." Coffee will be served in Room 119 at 3:50 p.m., preceding the seminar.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

Professor James Rutherford will address the Trinity College Historical Society on Monday, January 11th at 6:00 p.m. in the private dining room of the Men's Graduate Center. Dr. Rutherford is Professor of History at the University of Auckland, Auckland, New Zealand and the author of the forthcoming study of Sir George Grey, the Victorian pro-consul. This past term he has been a Visiting Professor at Duke University under the auspices of the Duke University Commonwealth Studies Center and the Department of History. The Society is honored to have Professor Rutherford speak to them on the problems encountered in writing biographical history with special reference to his study of Sir George Grey. All persons planning to attend are requested to notify the History Department in Allen Building or Library Carrel 613.

NAVAL RESERVE RESEARCH MEETING

Naval Reserve Research Company 6-6 will meet at 6:00 p.m. Monday, January 11, in Room 135, Physics Building. The speaker will be LCDR J. G. Sutherland, reporting on recent training duty. All Naval Reserve officers of the University community, both staff and students, are invited to attend.

PUPPET-MAKING NURSERY SCHOOL MEETING

On Monday, January 11th at 8:00 p.m., Mrs. M. B. Begdonoff will give a demonstration of the making of puppets for children at the Duke University Nursery School, 109 Bivins, East Campus. Anyone interested in showing and making puppets is cordially invited.

ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m., Monday, January 11, in the Music Room, East Duke Building. The speaker will be Professor C. Richard Sanders of the English Department, who will discuss "Carlyle and Browning." Old members are urged to renew their memberships, and a welcome is extended to guests and new members.

LABOR-MANAGEMENT DISCUSSION

"Current Issues Between Labor and Management" will be discussed from a Christian perspective by Professor Patrick B. Comer, Jr., on Monday evening, January 11th, in the Woman's College Auditorium, beginning at 8:15 p.m. A major presentation of the Special Observances Committee of the Duke University Religious Council, this address and forum will shed light on the background factors involved in the recent, prolonged steel strike, recent textile strikes and other labor-management disputes. The public is cordially invited to attend.

Professor Comer, who teaches Industrial Psychology at Guilford College, is one of the most distinguished and busy consultants in the field of labor-management relations. As personnel consultant to Burlington Industries, he publishes an industrial newsletter, "Labor Analysis and Forecast," which has subscribers across America and abroad. He is a personnel research consultant to industrial firms across the Southeast. Professor Comer formerly taught at the University of Alabama, the Woman's College of the University of North Carolina, and has been a consultant to many large industries in the East. Mr. James W. Fowler, Jr., Chairman of the Special Observances Committee, will preside at the lecture-forum.

CAMPUS CLUB GUEST TEA

The Campus Club will entertain at its annual "Guest Day Tea" on Tuesday, January 12th, at the University House from three until five o'clock in the afternoon. Each member may invite a Durham friend to the tea. The honor guests for the occasion will be Mrs. Luther Hodges, wife of the governor of North Carolina and Mrs. George Herbert whose husband is the president of the Research Triangle Institute.

Mrs. W. Cary Maxwell will serve as general chairman of the hostess committee which is comprised of

ladies from the Departments of German, Greek, Latin, Romance Languages and Russian.

Members who plan to attend the February 16th Inncheon are asked to purchase tickets, priced at \$2.50 each, at this meeting.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, January 12th, at 4:00 p.m. in Room 138, Physics Building. The speaker, Dr. Milton Lees, will discuss "The Grousat Problem." Coffee will be served in Room 132 at 3:30 p.m.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Tuesday, January 12, in Room 209, Bivins Building, at 4:30 p.m. The speaker will be Dr. Roger Brown of the Department of Economics and Social Science, Massachusetts Institute of Technology, Cambridge, Massachusetts. He will speak on "Experiments on the Child's Acquisition of Grammar."

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, January 13th, at 4:00 p.m. in Room 123 Science Building, East Campus. Mr. Gilbert Hughes, Duke University Marine Laboratory, Beaufort, will speak on "The Effect of Temperature on the Apparent Distribution of Water Molds."

DUKE-U.N.C. PHILOSOPHY COLLOQUIA

Professor John Passmore of the Australian National University in Canberra will present philosophical papers at Duke and Chapel Hill. On Thursday, January 14, at 4:00 p.m. he will speak in the Faculty Lounge of the Morehead Planetarium at Chapel Hill on "Philosophy and the History of Philosophy." On Friday, January 15, he will speak in the Seminar Room, 211 West Duke Building, at 3:30 p.m. on "Infinite Regresses." Interested members of the University Community are cordially invited to attend these colloquia.

STUDENT N.E.A.-KAPPA DELTA PI MEETING

Members of the Student N.E.A. and all other interested students will join with members of Kappa Delta Pi in a discussion of the problems and activities of students who are practice-teaching. Two practice teachers, a "regular" teacher, and a school administrator will provide the leadership for the discussion, which will be held at 5:30 p.m., January 14, in the upstairs dining room in the Woman's College Union Building. Those attending are requested to go through the cafeteria line and to take their trays to the second-floor room. Men will procure tickets for the dinner at the desk in the lobby of the Woman's College Union Building in the customary way. The cost is \$1.00.

KORKES MEMORIAL LECTURE PROFESSOR KONRAD BLOCH

The Third Annual Korkes Memorial Lecture will be presented by Professor Konrad Bloch who will dis-

euss "Comparative Aspects of Sterol Metabolism" in the Hospital Amphitheatre on Thursday, January 14 at 7:30 p.m. Dr. Bloch, Professor of Biochemistry at Harvard University, has recently established the biosynthetic mechanisms involved in cholesterol synthesis in mammalia and is currently engaged in studies of the comparative biochemistry of this process in diverse species and its aberrations in disease. All interested members of the University Community are cordially invited.

UNDERGRADUATE FACULTY COUNCIL

There will be no meeting of the Undergraduate Faculty Council on Thursday, January 14th.

THE 1959-60 ARTISTS' SERIES PRESENTS ROBERTO IGLESIAS BALLET ESPANOL

Tickets remain available at \$2.50 and \$2.00 for the third of the Artists' Series performances, Roberto Iglesias Ballet Espanol, on Friday, February 5th, at 8:15 p.m. in Page Auditorium. They may be obtained by calling or coming by the Student Activities Office, 202-A Flowers Building, Extension 2911, or by writing to Box KM, Duke Station. Checks should accompany orders and should be made payable to The Duke University Artists' Series.

Iglesias is a first class artist—a master of pantomime and expressive dance, who has surrounded himself with a company of versatile dancers and singers steeped in the regional and flamenco tradition of Spain. Gloriously praised by critics throughout the United States, the group has been lauded by Claudia Cassidy of the Chicago Daily Tribune as "A shining young company with a shooting star of sulfurous brilliance! The pride . . . the swift, lethal fury of the authentic dance of Spain!"

BIBLICAL LECTURE ON REFERENCES TO DEW

Dr. Shemuel Duvdevani will speak about "How and Why Dew Is Referred to in the Bible." Dr. Duvdevani is Director of the Dew Research Laboratory of the Agricultural Research Station of Israel. At present he is a research associate in the Department of Botany. Those desiring to hear Dr. Duvdevani are requested to call extension 3715 for the time and place.

THE CHAMBER ARTS SOCIETY'S PROGRAM

The second concert in the Chamber Arts Society's 1959-1960 season will be played by the Netherlands String Quartet on Saturday, January 23 at 8:15 p.m. in the Music Room, East Duke Building. The schedule of the remaining concerts is as follows:

Saturday, January 23	The Netherlands String Quartet
Saturday, February 13	The Trio di Bolzano
Saturday, March 19	The Hollywood String Quartet
Friday, April 8	Camera Concerti

Guest Cards for the Netherlands Quartet concert will be available at the door one-half hour before concert time. The single admission Guest Cards are \$2.00 for students and \$2.50 for others.

WEEK OF
Jan. 17-23, 1960

CALENDAR

WEEK OF
Jan. 17-23, 1960

OF

DUKE UNIVERSITY



Events of the Week

Sunday, January 17

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Communion Meditation: The Reverend Dr. James L. Price, Jr., Chairman, Duke Undergraduate Religion Department. Celebrant, the Reverend Howard C. Wilkinson, Chaplain to the University. Broadcast over Radio Station WDNC and WDNC-FM.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, January 18

- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:00 p.m. Naval Reserve Meeting. Room 135 Physics Building. Speaker: Dr. Hugh Hunter.
7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

Tuesday, January 19

- 9:00 a.m. Final examinations begin.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:00 p.m. Council on Gerontology. Room 208, Flowers Building. Speaker: Dr. Janet A. Westsell.

Wednesday, January 20

- 2:00 p.m. The final examination of Mr. Franklin Ross Jones for the Ed.D. degree in Education. Room 08-A West Duke Building.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.

Thursday, January 21

- 2:00 p.m. The final examination of Mr. William Rexford Dunnivant for the Ph.D. degree in Chemistry. Room 303 Chemistry Building.
3:00-5:00 p.m. Newcomers Club Tea. Hostess: Mrs. John R. Alden, 2736 Dogwood Drive.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
5:30 p.m. Faculty Volleyball. Indoor Stadium.
8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Saturday, January 23

8:15 p.m. Chamber Music Concert: The Netherlands String Quartet. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Holy Communion will be held Sunday, January 17th, at 11:00 a.m. in the University Chapel as a part of the regular Service of Worship. The Reverend Dr. James L. Price, Chairman of the Undergraduate Department of Religion, will deliver the Communion Meditation, and the Reverend Howard C. Wilkinson, Chaplain to the University, will be the celebrant.

SUNDAY DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, January 17th,
9:45 a.m. Sunday School. Local Baptist Churches.
6:15 p.m. Training Union. Local Baptist Churches.
Wednesday, January 20th,
6:30 p.m. Devotional Service, East Duke Chapel.

Episcopal Student Fellowship:

Sunday, January 17th,
9:30 a.m. Holy Communion. Breakfast afterward.
6:30 p.m. Evening Prayer, followed by social hour.
Tuesday, January 19th,
7:00 a.m. Holy Communion.
Thursday, January 21st,
8:00 a.m. Holy Communion.

Lutheran Student Association:

Sunday, January 17th,
9:45 a.m. Sunday School. Local Churches.
6:30 p.m. Lutheran Student Association. Devotional Service. 208 Flowers Building.

Methodist Student Fellowship:

Sunday, January 17th,
6:30 p.m. Worship. Bill Vestal, preacher. Andre Diedrichs, leader.
Wednesday, January 20th,
6:00 p.m. Holy Communion.

Westminster Fellowship:

Sunday, January 17th,
9:30 a.m. Presbyterian Bible Class, 208 Flowers.
6:30 p.m. Westminster Fellowship, The Ark.
Wednesday, January 20th,
5:15 p.m. Westminster Supper Club, East Campus Union.

NAVAL RESERVE MEETING

Naval Reserve Research Company 6-6 will meet at 6:00 p.m. Monday, January 18, in Room 135, Physics Building. The speaker will be Dr. Hugh Hunter of the Research Triangle Institute. All Naval Reserve officers of the University Community, both staff and students, are invited to attend.

COUNCIL ON GERONTOLOGY

Dr. Janet A. Wessell will speak at the Seminar of the Duke Council on Gerontology to be held on Tuesday, January 19, at 5:00 p.m. in Room 208 Flowers

Building. Her topic will be, "Movement and Activity Patterns of Older People."

Dr. Wessell is Associate Professor of Physical Education at Michigan State University and on half time with the Human Energy Research Laboratory there. From 1950-55 she was Coordinator of the Physical Therapy Curriculum at the University of Maryland. She is the author of a textbook on **Movement Fundamentals**.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Franklin Ross Jones for the Ed.D. degree in Education will be held on Wednesday, January 20th, at 2:00 p.m. in Room 08-A West Duke Building. The subject of Mr. Jones' dissertation is "The Curriculum Development in Educational Administration in Eight Selected Southern Institutions Preparing School Administrators." The committee to conduct the examination consists of Professors Allan S. Hurlburt; E. C. Bolmeier; W. A. Stumpf; Olan Petty; and Joel Smith. Professor Hurlburt will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William Rexford Dunnivant for the Ph.D. degree in Chemistry will be held on Thursday, January 21st, at 2:00 p.m. in Room 303 Chemistry Building. The subject of Mr. Dunnivant's dissertation is "Condensations of Alkyl Acetates with Ketones by Alkali Amides. Carbanion Reactions with Halogen Compounds." The committee to conduct the examination consists of Professors C. R. Hauser; L. A. Bigelow; Pelham Wilder; H. A. Strobel; and Henry Kamin. Professor Hanser will preside.

NEWCOMERS CLUB TEA

Mrs. John R. Alden, of 2736 Dogwood Drive, will be hostess to the Newcomers Club at their January tea on Thursday, January 21st, from 3:00 to 5:00 p.m. Members are cordially invited to attend.

THE 1959-60 ARTISTS' SERIES PRESENTS ROBERTO IGLESIAS BALLET ESPANOL

A few tickets remain available at \$2.50 and \$2.00 for the third of the Artists' Series performances, Roberto Iglesias Ballet Espanol, on Friday, February 5th, at 8:15 p.m. in Page Auditorium. They may be obtained by calling or coming by the Student Activities Office, 202-A Flowers Building, Extension 2911, or by writing to Box KM, Duke Station. Checks should accompany orders and should be made payable to The Duke University Artists' Series.

Iglesias is a first-class artist—a master of pantomime and expressive dance, who has surrounded himself with a company of versatile dancers and singers steeped in the regional and flamenco tradition of Spain. Gloriously praised by critics throughout the

United States, the group has been lauded by Claudia Cassidy of the Chicago Daily Tribune as "A shining young company with a shooting star of sulfuric brilliance! The pride . . . the swift, lethal fury of the authentic dance of Spain!"

The program follows:

First Part

ANDULUZA..... Falla

Manuel de Falla's elegant musical treatment of the flamenco themes of the Anduluza inspired this choreography.

GADITANAS..... Sandoval-Vizcaino-Vives

From the basic flamenco steps, the dancer builds a composition of intricate rhythmic complexity in Iglesias' personal style. The dance reaches a virtuosic climax combining toe and heel work, "pitos" and "palmas."

AMANECER EN MÁLAGA (Sunrise in Malaga)
Sandoval-Vizcaino-Vives

This dance of fishermen and women shows the influence of the classical ballet in Spain as well as of the other dances performed in soft shoes.

SOLEDAD MONTOYA..... Fernandez-Sandoval

A choreographic interpretation of Garcia Lorca's poem *Soledad Montoya*. The guitar provides the musical background and the dancers bring to life the Gypsy poems of the Poet of Granada.

REJONEADOR..... Longas

The "Rejoneador" is a toreador on horseback. The movements of horse and rider during "Rejoneo" in the Goya Period seemingly are one in the inspiration of this choreography.

EL ALBAICIN..... Albeniz

A story of loneliness, love, parting and reunion.

LOS SIETE LUCEROS (The Seven Stars)
E. Halfter-Sandoval-Vizcaino-Vives

This ballet was inspired by a song Rosario Galan learned when she was a child in Seville, as children have done for generations past. The time is 1800, a period of romance and adventure, of bandoliers and brave Andalucian women.

INTERMISSION

Second Part

CORRIDO..... Armando LaValle

This is an old story, frequently told and sung in Mexican villages, of Jose and Lupita who grow up together and plan to marry. When Jose leaves the village to seek his fortune, Lupita promises to wait for him. Her father, however, forces her to wed a rich, old man. On her wedding night, Lupita flees from her drunken sleepy groom and meets Jose. They are discovered. In the tragedy which follows Jose is killed and Lupita goes mad.

DONA FRASQUITA..... Quintana-Leon-Quiroga

LEYENDA (Legend)..... Albeniz

Leyenda is a typical Andalucian dance, set in a mood of mystery that caresses yet remains remote. More than a dance, it is a legendary story of unknown secret loves in a sad landscape.

PUNTEADO DE LA VENDIMIA..... Sandoval-Vizcaino-Vives

(A new version of "Punta y Tacon," "Point and Heel") This dance was created to show skill, schooling, technique and style of the dancers' heelwork. It is dedicated to its originator "El Estampio."

EL PALOMO Y LA PALOMA..... Sandoval-Vives
A Mexican dance, stylized like an old engraving of tropical Veracruz.

TEMA Y VARIACIONES (Theme and Variations)
Vives-Sandoval

A picturesque and evocative scene of the remote and almost isolated Anso Valley in Northern Aragon. The "Jota Ansotana" is like a solemn and almost religious procession. The dance of the "sticks" (palos) and the transition from this jota to the vibrant and martial "jota aragonesa tradicional" is enhanced by the decorative elements of the distinctive costumes of the Anso Valley.

CHAMBER MUSIC CONCERT
NETHERLANDS STRING QUARTET

The Netherlands String Quartet will give the second concert in this season's Chamber Arts series on Saturday, January 23, at 8:15 p.m. in the Music Room, East Duke Building. Guest cards, costing \$2.00 for students and \$2.50 for others, will be obtainable at the door one-half hour before concert time.

The Quartet will play the following program:

Haydn

Quartet in E flat major, Opus 33, No. 2 ("The Joke")
Allegro moderato—cantabile
Scherzando
Largo
Finale, Presto

Hindemith

Quartet No. 3, Opus 22
Fugato: Very slow quarters
Fast eighth: Very energetic
Restful quarters: Always flowing
Moderately fast quarters
Rondo: Easily and with grace

Dvorak

Quartet No. 6 in F major, Opus 96 ("American")
Allegro ma non troppo
Andante o piuttosto allegretto
Menuetto—allegro ma non troppo
Finale—vivace assai

QUADRANGLE PICTURES
CLOSED UNTIL FEBRUARY 3

Page Auditorium is closed for two weeks for the purpose of installing new seats. There will be no showing of Quadrangle Pictures from January 20th until February 3rd.

FOR THE RECORD

In order that those who are responsible for the scheduling of programs and meetings may have some assurance of not conflicting with another event, it is requested that all such programs and meetings be listed with the University Calendar, 202-A Flowers Building, Extension 2911.

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WEEK OF
Jan. 24-30, 1960

WEEK OF
Jan. 24-30, 1960

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, January 24

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Hugh Anderson, Associate Professor of Biblical Theology, Duke Divinity School. Sermon: "Wonderful Revival." Broadcast over Radio Station WDNC and WDNC-FM.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, January 25

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

Tuesday, January 26

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Wednesday, January 27

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

Thursday, January 28

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Saturday, January 30

6:15 p.m. Freshman Basketball. Imps versus Fort Gordon. Indoor Stadium.

8:15 p.m. Varsity Basketball. Duke versus the University of South Carolina. Indoor Stadium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Hugh Anderson, Associate Professor of Biblical Theology, Duke Divinity School, will deliver the sermon at the University Service of Worship on Sunday morning, January 24th, at 11:00 a.m. in the University Chapel. His subject will be "Wonderful Revival."

The Reverend Howard C. Wilkinson, Chaplain to the University
Presiding Minister

Prelude—Chorale Preludes *Willan*

Call to Worship—"The Lord Is in His Holy Temple" *Harrington*

Hymn—"O Worship the King" *Johann M. Haydn*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"O Father, Whose Almighty Power" *Handel*

Scripture—Acts 3: 1-11

Hymn—"For the Beauty of the Earth" *Conrad Kocher*

Call to Prayer

The Pastoral Prayer

The Offering

Offertory Anthem—"O Thou Fortress of Zion's Daughter" *J. E. Bach*

Response—The Doxology

Prayer of Dedication

Sermon—"Wonderful Revival"

Prayer

Benediction

Chorale Response—"Sevenfold Amen" *Stainer*

The Chimes

Postlude—Psalm XIX *Marcello*

SUNDAY DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, January 24th,
9:45 a.m. Sunday School. Local Baptist Churches.
6:15 p.m. Training Union. Local Baptist Churches.

Episcopal Student Fellowship:

Sunday, January 24th,
9:30 a.m. Holy Communion. Episcopal Student Center.
6:30 p.m. Evening Prayer and Social Hour.

Monday, January 25th,
7:10 a.m. Holy Communion. Episcopal Student Center.

Tuesday, January 26th,
7:10 a.m. Holy Communion. Episcopal Student Center.

Thursday, January 28th,
8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Association:

Sunday, January 24th,
9:45 a.m. Christ Lutheran Church.

9:45 a.m. St. Paul's Lutheran Church (Student Contact Church), Dr. Henry Hetland, Executive Secretary, Division of College and University Work, National Lutheran Council; following, Reverend Earl T. Knaus, Jr., Eastern Divisional Secretary, DCUW.
6:30 p.m. L.S.A. Devotional Service, 208 Flowers Building.

Methodist Student Association:

Sunday, January 24th,
6:30 p.m. Worship. Speaker: Art Brandenburg. Leader: Jim Brown.

Wednesday, January 27th,
6:00 p.m. Holy Communion. Methodist Student Center.

Westminster Fellowship:

Sunday, January 24th,
9:30 a.m. Bible Class, 208 Flowers Building.
6:30 p.m. Holy Communion, The Ark.

CHAPEL NEWS

The preacher for the University Service of Worship next Sunday, January 31, is to be the Reverend Dr. Nels F. S. Ferre, Abbot Professor of Christian Theology in the Andover Newton Theological School, Newton Centre, Massachusetts. A native of Sweden, Dr. Ferre received his A.B. degree from Boston University, his B.D. degree from Andover Newton Theological School, and his A.M. and Ph.D. degrees from Harvard University. He also studied at the Universities of Uppsala and Lund. He is the author of a dozen volumes on theology, philosophical theology, and the church. He is perhaps best known for his book, *The Sun and the Umbrella*. He has given the Fondren Lectures at Southern Methodist University, the Cole Lectures at Vanderbilt University, the Earl Lectures at Pacific School of Religion, the Jones Lectures at Emory University, and he has appeared on numerous other lectureships.

Before assuming his present position at Andover Newton Theological School, he was Professor in Theology at Oxford University, Visiting Lecturer at Harvard University, and he has lectured at many conferences in America and abroad. He is a member of the American Philosophical Society, the American Theological Society, the National Council on Religion in Higher Education, and for a number of years he has been a participant in the Symposium of Conference on Science, Philosophy and Religion. Dr. Ferre last preached in the Duke Chapel on March 7, 1954.

THE 1959-60 ARTISTS' SERIES PRESENTS ROBERTO IGLESIAS BALLET ESPANOL

Tickets remain available at \$2.00 for the third of the Artists' Series performances, Roberto Iglesias Ballet Espanol, on Friday, February 5th, at 8:15 p.m. in Page Auditorium. They may be obtained by calling or coming by the Student Activities Office, 202-A Flowers Building, Extension 2911, or by writing to Box KM, Duke Station. Checks should accompany orders and should be made payable to The Duke University Artists' Series.

Iglesias is a first-class artist—a master of pantomime and expressive dance, who has surrounded himself with a company of versatile dancers and singers steeped in the regional and flamenco tradition of Spain. Gloriously praised by critics throughout the United States, the group has been lauded by Claudia Cassidy of the Chicago Daily Tribune as "A shining young company with a shooting star of sulfuric brilliance! The pride . . . the swift, lethal fury of the authentic dance of Spain!"

The program follows:

First Part

ANDULUZA Falla
Manuel de Falla's elegant musical treatment of the flamenco themes of the Anduluza inspired this choreography.

GADITANAS Sandoval-Vizcaino-Vives
From the basic flamenco steps, the dancer builds a composition of intricate rhythmic complexity in Iglesias'

QUADRANGLE PICTURES CLOSED UNTIL FEBRUARY 3

Page Auditorium is closed for two weeks for the purpose of installing new seats. There will be no showing of Quadrangle Pictures from January 20th until February 3rd.

FOR THE RECORD

In order that those who are responsible for the scheduling of programs and meetings may have some assurance of not conflicting with another event, it is requested that all such programs and meetings be listed with the University **Calendar**, 202-A Flowers Building, Extension 2911.

Notices for the Duke University weekly **Calendar** should be in typed form and sent to 202-A Flowers Building before one o'clock on each Thursday prior to the week in which the event is to take place.

LIBRARY SCHEDULE

From Friday, January 29 through Wednesday, February 4 the General Library and the Woman's College Library will be open and operating according to the following schedule:

Friday, January 29	8:00 a.m.-5:00 p.m.
Saturday, January 30	9:00 a.m.-1:00 p.m.
Sunday, January 31	Closed
Monday, February 1-	
Wednesday, February 3	9:00 a.m.-5:00 p.m.
Wednesday, February 4	Resume regular schedule

Any changes in the schedules of other campus libraries will be posted.

NATIONAL GALLERY PAINTING TECHNIQUES EXHIBIT

An exhibit of four panels illustrating fresco, tempera, oil, mixed oil and tempera, and oil with glazes is now on display in the Alumni Lounge. Each panel includes a color reproduction of a picture in the

National Gallery, an analysis of the picture's component parts, and a description of the painter's procedure. This exhibit, sponsored by the Student Union's Music and Arts Committee, will remain in the Alumni Lounge through the first of February.

SPRING SCHEDULE FRESHMAN ENGLISH LECTURE

Those wishing to attend the Freshman lectures will be interested in the following schedule:

February 8-9	Organization meetings
<i>PLAYS</i>	
February 15-16	<i>Pygmalion</i> by Shaw (Messrs. Williams and Ferguson)
February 22-23	<i>Juno and the Paycock</i> by O'Casey (Messrs. Bryant and Blackburn)
February 29- March 1	<i>Murder in the Cathedral</i> by Eliot (Messrs. Smith and Fisher)
March 7-8	Extra section meetings.
March 14-15	<i>Death of a Salesman</i> by Miller (Messrs. Reardon and Michalak) (Duke Players' Production on March 18-19)
<i>POETRY</i>	
March 21-22	Frost (Messrs. Anderson and Budd) (Spring vacation—March 26-April 4)
April 4-5	Extra section meetings
April 11-12	Hopkins (Mrs. Bevington and Mr. Bevington)
April 18-19	Extra section meetings
April 25-26	Yeats (Messrs. Harwell and Heninger)
May 2-3	Extra section meetings
May 9-10	Auden (Messrs. Speaks and Boyce)
May 16-17	Extra section meetings (Classes end May 19)

Ordinarily the first-mentioned lecturer will lecture on Monday at 8:10 a.m. (Chemistry Building, Room 116) and 2:00 p.m. (East Duke Building, Room 204). The second-mentioned lecturer will lecture at 12:50 p.m. (Chemistry Building, Room 116) on Monday and on Tuesday at 8:10 a.m. (Chemistry Building, Room 116) and 11:40 (East Duke Building, Room 204).

WEEK OF
Jan. 31-Feb. 6, 1960

WEEK OF
Jan. 31-Feb. 6, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, January 31

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Nels F. S. Ferré, Professor of Christian Theology, Andover Newton Theological Seminary. Sermon: "The Three Witnesses." Broadcast over Radio Station WDNC and WDNC-FM.

3:30 p.m. Lecture-Discussion. Dr. Nels F. S. Ferré. Topic: "Contemporary Theology and the Christian View of Man." Room 107, Men's Graduate Center.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, February 1

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

6:00 p.m. Naval Reserve Research Meeting. Room 135, Physics Building. Speaker: Dr. Glen Gale.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

Tuesday, February 2

Registration of new students.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Wednesday, February 3

Registration of pre-enrolled students.

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dean Robert E. Cushman.

4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Hans S. Strupp.

5:30 p.m. Cabot Society. Men's Graduate Center. Speaker: Chaplain Howard C. Wilkinson.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Horse's Mouth" with Alec Guinness and Kay Walsh. In technicolor. "Guinness adds art to uproar and leaves viewers laughter-happy, with a howling disrespect for the respectable." Life Magazine. "One of the year's 10 best pictures!" Crowther, New York Times.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

8:15 p.m. Varsity Basketball. Duke versus Wake Forest. Winston-Salem, North Carolina.

Thursday, February 4

- 8:10 a.m. Spring Semester classes begin.
- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Orville Ripley.
- 3:00-5:00 p.m. Tryouts for Duke Players: "Death of a Salesman." Page Auditorium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00-10:00 p.m. Tryouts for Duke Players: "Death of a Salesman." Page Auditorium.
- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, February 5

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Dick Bowyer.
- 3:00-5:00 p.m. Tryouts for Duke Players: "Death of a Salesman."
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 7:00-10:00 p.m. Tryouts for Duke Players: "Death of a Salesman."
- 8:15 p.m. Duke Artists' Series: Roberto Iglesias Ballet Espanol. Page Auditorium.

Saturday, February 6

- 2:00 p.m. Engagement Seminar (men and women) sponsored by YMCA and YWCA. Green Room, East Duke Building.
- 6:15 p.m. Freshman Basketball. Imps versus Fort Gordon. Indoor Stadium.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Horse's Mouth" with Alec Guinness and Kay Walsh. In technicolor. "Guinness adds art to uproar and leaves viewers laughter-happy, with a howling disrespect for the respectable." Life Magazine. "One of the year's 10 best pictures!" Crowther, New York Times.
- 8:15 p.m. Varsity Basketball. Duke versus U. S. Naval Academy. Annapolis, Maryland.

SERVICE OF WORSHIP

The Reverend Dr. Nels F. S. Ferré, Professor of Christian Theology, Andover Newton Theological School, will deliver the sermon at the University Service of Worship on Sunday morning, January 31st, at 11:00 a.m. in the University Chapel. His subject will be "The Three Witnesses."

The Reverend Howard C. Wilkinson, Chaplain to the University Presiding Minister

- Prelude—Adagio *Barber*
- Call to Worship
- Hymn—"Joyful, Joyful, We Adore Thee"
Arr. from Ludwig van Beethoven
- Prayer of Confession
- Words of Assurance
- The Lord's Prayer
- Solo—Recitative and Aria from "Elijah" *Mendelssohn*
Professor John Hanks, tenor
- Scripture—I John 5: 1-9
- Hymn—"All Hail the Power of Jesus' Name" *Oliver Holden*
- Call to Prayer
- The Pastoral Prayer
- The Offering
- Offertory Organ Interlude
- Solo: Recitative and Arioso from "Saint Paul" *Mendelssohn*
Miss Marilyn Zschau, contralto

Response—The Doxology

Prayer of Dedication

Sermon

Prayer

Benediction

The Chimes

Postlude—Allegro Vivace from Water Music *Handel*

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, January 31,

9:45 a.m. Sunday School. Local Baptist Churches.

6:15 p.m. Training Union. Local Baptist Churches.

Episcopal Student Fellowship:

Sunday, January 31,

9:30 a.m. Holy Communion. Episcopal Student Center.

Tuesday, February 2,

7:10 a.m. Holy Communion. Episcopal Student Center.

Wednesday, February 3,

6:00 p.m. Vestry Meeting. Episcopal Student Center.

Thursday, February 4,

8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Association:

Sunday, January 31,

9:45 a.m. Sunday School. Local Churches.

Friday, February 5,

Evening. The Reverend Morris A. Sorenson, Jr. Evangelical Lutheran Church missionary to Japan in student-connected work, a leader at recent Athens Frontiers Conference on Life and Mission of the Church.

Methodist Student Association:

Wednesday, February 3,

6:00 p.m. Holy Communion. Methodist Student Center.

Society of Friends:

Sunday, January 31,

7:30 p.m. "Plans and Opportunities for Service in the Southeast Area," Wilton Hartzler, Executive Director of the American Friends Service Committee of the Southeast Region, speaker.

Unitarian Fellowship:

Sunday, January 31,

7:30 p.m. "Are There Cogent Arguments for the Existence of God?" Dr. Charles A. Baylis, speaker—601 East Markham Avenue.

Westminster Fellowship:

January 30-February 2,

Annual Retreat, Montreat, North Carolina.

LECTURE-DISCUSSION
DR. NELS F. S. FERRE

On Sunday, January 31, Dr. Nels F. S. Ferré, Professor of Christian Theology at Andover Newton Theological School, will speak on the topic "Contemporary Theology and the Christian View of Man," at 3:30 p.m. in Room 107, Men's Graduate Center. This lecture-discussion is sponsored by the Graduate Religious Life Committee of the University Religious Council. The public is cordially invited to attend.

NAVAL RESERVE RESEARCH MEETING

Naval Reserve Research Company 6-6 will meet at 6:00 p.m. Monday, February 1, in Room 135, Physics Building. The speaker will be Dr. Glen Gale of the VA Hospital, reporting on "High Altitude Physiology." All Naval Reserve officers of the University Community, both staff and students, are invited to attend.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Wednesday, February 3rd, at 4:30 p.m. in Room 209, Bivins Building. Speaker for the meeting will be Dr. Hans H. Strupp, Director of Psychological Services at the North Carolina Memorial Hospital, Chapel Hill, North Carolina. Dr. Strupp will speak on "Research on the Psychotherapist's Contribution to the Treatment Process: A Progress Report." Coffee will be served at 4:00 p.m.

CABOT SOCIETY

Cabot Society will meet Wednesday evening, February 3, beginning with supper at 5:30. The meeting will be held in a private dining room of the Men's Graduate Center. The speaker will be Chap-

lain Howard C. Wilkinson, whose topic will be "The Physician's Personal Integrity." Students in the School of Medicine and the School of Nursing, as well as internes and residents, are cordially invited to attend.

ARTISTS' SERIES
ROBERTO IGLESIAS BALLET ESPANOL

The Roberto Iglesias Ballet Espanol will appear on Friday, February 5th, at 8:15 p.m. in Page Auditorium as the third attraction of the Artists' Series. Only standing room is available for this particular performance and these spaces will go on sale at 7:45 p.m. at the box office.

BALLET INTERMISSION PUNCH BREAK

In keeping with the new look in Page Auditorium—that of comfort and color—the Student Union will host a Punch Break in the Flowers Lounge during the intermission of the Roberto Iglesias Ballet Espanol. Those attending are cordially invited to attend.

SPRING ACTIVITIES CALENDARS

The Duke University Spring Activities Calendar, published and distributed to the faculty, staff and student body as a service of the Student Union's House Committee, will be distributed on Thursday, February 4th. Any additions or deletions will be carried in the Duke University Weekly Calendar and in the **Duke Chronicle**. If an error is noted, please call extension 2911 and give the correction.

ORGAN RECITAL

The February Organ Recital will be played by Robert S. Lord, Professor of Organ at Davidson College, on Sunday afternoon, February 7th, at four o'clock. The public is cordially invited to attend.

LIBRARY SCHEDULE

From Friday, January 29 through Wednesday, February 4 the General Library and the Woman's College Library will be open and operating according to the following schedule:

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Saturday, January 30	9:00 a.m.-1:00 p.m.
Sunday, January 31	Closed
Mouday, February 1-	
Wednesday, February 3	9:00 a.m.-5:00 p.m.
Wednesday, February 4	Resume regular schedule

Any changes in the schedules of other campus libraries will be posted.

SPRING SCHEDULE FRESHMAN ENGLISH LECTURE

Those wishing to attend the Freshman lectures will be interested in the following schedule:

February 8-9 Organization meetings

PLAYS

February 15-16 *Pygmalion* by Shaw (Messrs. Williams and Ferguson)

February 22-23 *Juno and the Paycock* by O'Casey (Messrs. Bryant and Blackburn)

February 29-
March 1 *Murder in the Cathedral* by Eliot (Messrs. Smith and Fisher)

March 7-8 Extra section meetings.

March 14-15 *Death of a Salesman* by Miller (Messrs. Reardon and Michalak)
(Duke Players' Production on March 18-19)

POETRY

March 21-22 Frost (Messrs. Anderson and Budd)
(Spring vacation—March 26-April 4)

April 4-5 Extra section meetings

April 11-12 Hopkins (Mrs. Bevington and Mr. Bevington)

April 18-19 Extra section meetings

April 25-26 Yeats (Messrs. Harwell and Heninger)

May 2-3 Extra section meetings

May 9-10 Auden (Messrs. Speaks and Boyce)

May 16-17 Extra section meetings
(Classes end May 19)

Ordinarily the first-mentioned lecturer will lecture on Monday at 8:10 a.m. (Chemistry Building, Room 116) and 2:00 p.m. (East Duke Building, Room 204). The second-mentioned lecturer will lecture at 12:50

p.m. (Chemistry Building, Room 116) on Monday and on Tuesday at 8:10 a.m. (Chemistry Building, Room 116) and 11:40 (East Duke Building, Room 204).

DUKE HOSPITAL FEATURED LOCAL TV SERIES

Duke Hospital will be featured in a series of ten television interviews on the Peggy Mann Show, Station WTVD, Durham, each Wednesday at 1:00 p.m. from February 3 to April 6.

The series is designed to take viewers behind the scenes in the day-to-day operation of Duke Hospital via interviews with hospital officials and doctors.

Topics scheduled are: February 3, "Admitting Procedures and Hospital Organization"; February 10, "Nursing Care"; February 17, "Housekeeping, Renovation and Construction"; February 24, "Dietetics"; March 2, "Hospital Personnel"; March 9, "Medical Records"; March 16, "Operating Room and Anesthesia"; March 23, "Premature Nursery"; March 30, "The Doctor and the Hospital"; April 6, "Financial Aspects."

ARTISTS' SERIES TICKETS AVAILABLE FOR SOUZAY AND SHAW CONCERTS

Tickets are available for the Artists' Series performances of Gerard Souzay, Baritone, on Tuesday, February 16th, and the Robert Shaw Chorale and Orchestra on Thursday, March 3rd. Priced at \$2.50 and \$2.00 each these tickets may be obtained in 202-A Flowers Building, or by calling extension 2911.

WEEK OF
Feb. 7-13, 1960

CALENDAR

WEEK OF
Feb. 7-13, 1960

OF DUKE UNIVERSITY



Events of the Week

Sunday, February 7

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Waldo Beach, Professor of Christian Ethics, Duke Divinity School. Sermon: "On Vocational Choice." Broadcast over Radio Station WDNC and WDNC-FM.
4:00 p.m. Guest Organ Recital. University Chapel. Organist: Robert S. Lord.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, February 8

- 4:30-5:30 p.m. Student Union Travel Seminar. Room 201, Flowers Building. Subject: France. Speaker: Mrs. Neal Dow.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:00 p.m. Naval Reserve Research Meeting. Room 135, Physics Building.

- 7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.
8:00 p.m. Erasmus Club. Green Room, East Duke Building. Speaker: Professor Grover C. Smith, Jr.
8:00 p.m. Nursery School Parents Meeting. Room 109, Bivins Building. Speaker: Dr. Robert W. John.
8:15 p.m. The National (Grass Roots) Opera Company present "Die Fledermaus." Sponsored by Student Forum. Woman's College Auditorium.

Tuesday, February 9

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. The Reverend Howard C. Wilkinson.
3:30 p.m. The final examination of Mr. Grover Starr Paulett for the Ph.D. degree in Chemistry. Room 220, Chemistry Building.
4:00 p.m. Mathematics Seminar. Room 138, Physics Building. Speaker: Dr. Robert F. Williams.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
4:30 p.m. Forestry Seminar. Room 322, Social Science Building. Speaker: Miss Fannie Y. Mitchell.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 5:00 p.m. Council on Gerontology Meeting. Room 114, Social Science Building. Speaker: Dr. Bernice Neugarten.
8:15 p.m. Ancient Greece Film. Asbury Auditorium.

Wednesday, February 10

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. The Reverend Howard C. Wilkinson.
4:00 p.m. Seminar on the Nervous System and Behavior. Hospital Amphitheatre. Speaker: Dr. William W. Windle.
4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Dr. James A. McCleary.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.
7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "I Am a Camera" with Julie Harris, Lawrence Harvey, Shelley Winters. A hilarious filmization of the John Van Druten play, based on the Isherwood stories.
8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Phillips Hall, U.N.C., Chapel Hill. Speaker: Dr. A. T. Stewart.
8:00-9:00 p.m. Introductory Course in IBM 650 Programming. Room 113, Physics Building.

Thursday, February 11

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Gene Long.
4:00 p.m. Graduate School Faculty Meeting. Room 208, Flowers Building.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
5:30 p.m. Faculty Volleyball. Indoor Stadium.
6:00 p.m. Concilium Meeting. Men's Graduate Center.
7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, February 12

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Holy Communion. Dr. Kenneth Clark.
1:00 p.m. The final examination of Mr. Robert Sheeran Benton for the Ph.D. degree in Anatomy. Room M-405, Medical School.
3:00 p.m. Political Science Graduate Seminar. Room 108, Law School Building. Speaker: J. N. D. Anderson.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

Saturday, February 13

- 2:00 p.m. National Intercollegiate Billiards Tournament. Game Room.

- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "I Am a Camera" with Julie Harris, Lawrence Harvey, Shelley Winters. A hilarious filmization of the John Van Druten play, based on the Isherwood stories.
8:15 p.m. Chamber Music Concert: Trio di Bolzano. Music Room, East Duke Building.

ORDER OF WORSHIP

The Reverend Dr. Waldo Beach, Professor of Christian Ethics in the Divinity School, will deliver the sermon at the University Service of Worship on Sunday morning, February 7th, at 11:00 a.m. in the University Chapel. His subject will be "On Vocational Choice."

The Reverend Howard C. Wilkinson, Chaplain to the University Presiding Minister

Prelude—Prelude and Fugue in D minor *Pachelbel*

Call to Worship—"The Lord Is in His Holy Temple" *Harrington*

Hymn—"Now Thank We All Our God" *Johann Cruger*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Humbly Kneel We Before Thee" *Mozart*

Scripture—Ecclesiasticus 38: 24-34 (Apocrypha)

Hymn—"God of Grace and God of Glory" *John Hughes*

Call to Prayer

The Pastoral Prayer

The Offering

Offertory Organ Interlude

Anthem—"Blessed Lord, Wilt Thou Sustain Me"

Mendelssohn-Bartholdy

Miss Marilyn Zschau, Alto Soloist

Response—The Doxology

Prayer of Dedication

Sermon—"On Vocational Choice"

Prayer

Benediction

The Chimes

Postlude—Chaconne in D minor

Pachelbel

NATIONAL OPERA COMPANY PRESENTS "DIE FLEDERMAUS"

The National (Grass Roots) Opera Company will present the Strauss opera, "Die Fledermaus," on Monday, February 8th, at 8:15 p.m. in the Woman's College Auditorium. Its appearance on campus will be under the auspices of the Student Forum. The performance is open to the public with tickets, priced at \$1.00 general admission, available at the door.

The company is composed of young professionals who will present their program in English from the translation by Ruth and Thomas Martin.

Dobbs Franks, young Juilliard Graduate will serve as musical director and piano accompanist.

ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m., Monday, February 8th, in the Green Room, East Duke Building. The speaker will be Professor Grover C. Smith, Jr. of the English Department, who will discuss two topics: "T. S. Eliot and Bertrand Russell" and "T. S. Eliot's Turn of the Screw." A cordial welcome is extended to all guests.

GUEST ORGAN RECITAL

Robert Sutherland Lord, newly-appointed organist and professor of music at Davidson College, will be presented in recital Sunday at 4:00 p.m. in the University Chapel.

A native of Marblehead, Massachusetts, Professor Lord began musical studies at the age of five and was appointed to his first church position at the age of 12 years.

He holds an A.B. degree from Dartmouth College, the M.A. from Yale, and is a candidate for the Ph.D. in history of music from Yale. The recitalist studied with Leo Schrade, Yale; Clarence Watters, Trinity; Jean Langlais and Andre Marchal, Paris, France.

His program is as follows:

Three Easter Hymns (from The Buxheim Organ Book)	Anonymous, ca. 1460
Four Verses on the hymn, "Ave Maris Stella"	Jean Titelouze (1563-1633)
Prelude and Fugue in G Minor	Vincent Luebeck (1656-1740)
Second Suite for Organ	Louis Clerambault (1676-1749)
Plein Jeu	
Duo	
Basse de Cromorne	
Flutes	
Recit sur le Nazard	
Caprice sur les Grands Jeux	
"Come Savior of the Heathen"	Johann Sebastian Bach (1685-1750)
Prelude and Fugue in E Minor ("Wedge")	Johann Sebastian Bach
Three Modal Pieces (1956)	Jean Langlais (1907-)
Mode of D	
Mode of A	
Mode of E	

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, February 7,

9:45 a.m. Sunday School, Local Baptist Churches.

6:15 p.m. Training Union, Local Baptist Churches.

Wednesday, February 10,

Student Vespers, Speaker: John M. Keith.

Episcopal Student Fellowship:

Sunday, February 7,

9:30 a.m. Holy Communion, Episcopal Student Center.

6:30 p.m. Evening Prayer, "The White Citizen Resistance Movement," Speaker: Dr. Vander Zanden. Episcopal Student Center.

Tuesday, February 9,

7:10 a.m. Holy Communion. Episcopal Student Center.

Thursday, February 11,

8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Association:

Sunday, February 7,

9:45 a.m. Sunday School. All Local Churches.

6:30 p.m. Lutheran Student Association, 208 Flowers Building.

Methodist Student Association:

Sunday, February 7,

9:30 a.m. Classes. Methodist Student Center.

5:00 p.m. Congregational Supper (no reservation necessary). Methodist Student Center.

7:00 p.m. Worship. Methodist Student Center.

Monday, February 8,

8:00 p.m. Bible Study (John 1: 1-18). Methodist Student Center.

Wednesday, February 10,

6:00 p.m. Holy Communion. Methodist Student Center.

Society of Friends:

Sunday, February 7,

7:30 p.m. "Psychiatric Aspects of Crime," Speaker: Dr. Harley C. Shands. Dr. Shands is from the Psychiatry Department of the University of North Carolina and is a member of the State Prison Board.

Westminster Fellowship:

Sunday, February 7,

9:30 a.m. Presbyterian Bible Class, 208 Flowers Building.

6:15 p.m. Westminster Fellowship, The Ark. Speaker: Dr. Orval Wintermute. Subject: "Archaeology and the Patriarchs."

Wednesday, February 10,

7:15 a.m. Holy Communion, East Duke Chapel, Communion Breakfast following.

NAVAL RESERVE RESEARCH MEETING

Naval Reserve Research Company 6-6 will meet at 6:00 p.m. Monday, February 8th, in Room 135 Physics Building. The speaker will be Dr. J. G. Pratt of the Duke Parapsychology Laboratory. All Naval Reserve officers of the University Community, both staff and students, are invited to attend.

NURSERY SCHOOL PARENTS MEETING

Dr. Robert W. John will speak on Monday, February 8th at 8:00 p.m. to the Duke University Nursery School Parents, in Room 109 Bivins Building. His discussion will be "Music for the Pre-School Child," and anyone interested is cordially invited to attend.

A few openings still remain in the Nursery School and parents interested in entering their child may contact Marie Hinman, Director, at 103 Bivins Building or may call Extension 3673.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Grover Starr Paulett for the Ph.D. degree in Chemistry will be held on Tuesday, February 9th, 1960, at 3:30 p.m., in Room 220, Chemistry Building. The subject of Mr. Paulett's dissertation is "Proton Nuclear Magnetic Relaxation Times for Some Binary Mixtures and Pure Compounds." The committee to conduct the examination will consist of Professors Marcus E. Hobbs, Jacques Poirier, L. A. Bigelow, D. G. Hill, and Walter Gordy. Professor Hobbs will preside.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, February 9th, at 4:00 p.m. in Room 138, Physics Building. The speaker, Dr. Robert F. Williams of Purdue University and The Institute for Advanced Study, will discuss, "Open Mappings and Solenoids." Coffee will be served at 3:30 p.m. in Room 132, Physics Building.

FORESTRY SEMINAR

Miss Fannie Y. Mitchell, Director of Student Placement, will speak at the Forestry Seminar on Tuesday, February 9th, at 4:30 p.m. in Room 322, Social Science Building. Miss Mitchell will speak on "The Placement Office and Interviewing Techniques." Coffee will be served at 4:15 p.m.

COUNCIL ON GERONTOLOGY MEETING

The Council on Gerontology will hold an Open Seminar on Tuesday, February 9th at 5:00 p.m. Dr. Bernice Neugarten of the Committee on Human Development, University of Chicago, will speak on "Personality Changes in Adulthood and Old Age." All those interested are invited to attend this meeting which will be held in Room 114, Social Science Building on West Campus.

ANCIENT GREECE FILM

An unusual documentary film, "Greece of the Ancient World" will be shown Tuesday evening, February 9th, at 8:15, in Asbury Auditorium. The film is presented here under the auspices of the Department of Aesthetics, Art and Music and the Student Union's Music and Art Committee. There will be no admission charge and all interested persons are cordially invited to attend.

The film, depicting the history of ancient Greece as seen through its monuments and country, is on loan from the Greek Embassy. It was filmed by Ray Garner who is sponsored by the American Archaeological Institute assisted by the American School of Classical Study.

"U.S.-SOVIET CONFLICT" SYMPOSIUM TRANSCRIPTS AVAILABLE

Complete transcript of the "U.S.-Soviet Conflict" symposium will be available in 202A Flowers Building after Tuesday, February 9th. Copies of the multilith publication are limited and the price is 50 cents per copy.

SEMINAR ON THE NERVOUS SYSTEM AND BEHAVIOR

Dr. William F. Windle, Chief of the Laboratory of Neuroanatomical Sciences, National Institute of Health, Bethesda, Maryland, will be the first speaker of the Spring Seminar on the Nervous System and Behavior. His topic will be "Studies of Asphyxia Neonatorum in Monkeys." The seminar will be held at 4:00 p.m. on Wednesday, February 10 in the Hospital Amphitheatre. This is the second year that the Departments of Anatomy, Physiology, and Psychology have joined to present an interdisciplinary seminar.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, February 10th, at 4:15 p.m. in Room 113, Biology Building, West Campus. Dr. James A. McCleary, a specialist on xerophytic bryophytes, will speak on "Phytogeography of Arizona Bryophytes." Dr. McCleary, who is on the staff of Arizona State College, Tempe, Arizona, is spending the year at Duke as a National Science Foundation Faculty Fellow.

Tea will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics Colloquium will meet Wednesday, February 10, at 8:00 p.m., Phillips Hall, University of North Carolina. The speaker will

be Dr. A. T. Stewart, Professor of Physics, Dalhousie University, Halifax, Nova Scotia. The topic is "Positron and Annihilation in Alkali Halides in Metals."

INTRODUCTORY COURSE IBM 650 PROGRAMMING

A series of four lectures will be given from 8:00 to 9:00 p.m. on Wednesday evenings, February 10th, 17th, and 24th, and March 2nd, in Physics Building, Room 113. The purpose of the course is to prepare members of the University Community to use the facilities of the Computing Laboratory for research and instruction. No previous computer experience and only a nodding acquaintance with Mathematics is assumed. The course will be open to all interested persons, however, only those who intend to complete the five assigned exercises are encouraged to attend. A copy of the exercises and an outline of the lectures are available in Room 121, Physics Building.

GRADUATE FACULTY MEETING

The Graduate School Faculty will meet on Thursday, February 11th, at 4:00 p.m. in Room 208, Flowers Building.

CONCILIUM MEETING

The Graduate Department of Religion will hold its next Concilium meeting on Thursday, February 11th, at 6:00 p.m. in the Men's Graduate Center. The topic for discussion will be "The Relation of Subject and Object in Man's Knowledge of God."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert Sheean Benton for the Ph.D. degree in Anatomy will be held on Friday, February 12, 1960, at 1:00 p.m. in Room M-405, Medical School. The subject of Mr. Benton's dissertation is "A Morphological Study of the Primate Pelvis." The committee to conduct the examination will consist of Professors J. E. Markee, William H. Knisely, John W. Everett, Edward C. Horn, Weston LaBarre. Professor Markee will preside.

POLITICAL SCIENCE GRADUATE SEMINAR

The Political Science Graduate Seminar will meet in Room 108 of the Law School on Friday, February 12th at 3:00 p.m. The guest speaker will be J. N. D. Anderson, O.B.E., LL.D., Professor of Oriental Laws and Director of the Institute of Advanced Legal Studies in the University of London. His subject will be "Colonial Law in Tropical Africa: The Conflict between English, Islamic and Customary Law."

ATTENTION ALL GRADUATE STUDENTS

Graduate students planning to complete all requirements for degree in June, 1960, must file "Intention to Graduate" form with the Graduate School Office by March 1, 1960. No candidates for June Commencement will be accepted after this deadline.

CHAMBER MUSIC CONCERT

The Trio di Bolzano will appear in The Chamber Arts Society's series on Saturday, February 13th, at 8:15 p.m. in the Music Room of East Duke Building. The Trio, composed of Nunzio Montanari, piano, Giannino Carpi, violin, and Sante Amadori, violoncello, is probably the finest group of its instrumentation in Europe. Guests tickets, priced at \$2.00 for students and \$2.50 for others, will be available at the door at 7:45 p.m. on the night of the concert.

The Trio will play the following program:

Trio in B Flat Major, Opus 97 ("The Archduke")	Beethoven
Allegro moderato	
Scherzo (Allegro)	
Andante cantabile, ma pero con moto	
Allegro moderato—presto	Mozart
Trio in G Major, K. 564	
Allegro	
Andante	
Allegretto	
Trio in G Minor, Opus 110	Schumann
Bewegt, doch nicht zu rasch	
Ziemlich langsam	
Rasch	
Kraeftig, mit Humor	

CHANGE OF DATE UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will not meet on Thursday, February 11th, but will meet on Thursday, February 18th. This change of date has been necessary because of a special presentation by Vice-President Paul M. Gross on the long-range aspect of planning for the Undergraduate Colleges, and a report on the Curriculum by Professor Harold Parker, Chairman of the Sub-Committee on the Undergraduate Colleges.

GERONTOLOGY PROCEEDINGS AVAILABLE

Three issues of the Proceedings of the monthly Seminars of the Duke University Council on Gerontology are now available in printed form with papers on the 1955-57, 1957-58, and 1958-59 findings. Copies of each of the three issues are available at \$1.00 from the editor, Frances C. Jeffers, Executive Secretary, Regional Center for the Study of Aging, Duke University, Durham, North Carolina. Kindly include payment with order.

INCOME TAX RETURNS

Representatives from the N. C. Department of Revenue will be at Duke University on February 17 and 18, 1960 to assist employees in filing North Carolina income tax returns.

Duke University personnel will assist with prepara-

tion of Federal tax returns on the same dates and in the same places.

Wednesday, February 17:

Baker House Reception Room
9:00 a.m.-4:30 p.m.

Thursday, February 18:

Room 103 Library, West Campus
9:00 a.m.-4:30 p.m.

If either a State or Federal tax return form is needed prior to these dates, copies are available in the Personnel Office.

CAMPUS CLUB LUNCHEON TICKETS

The deadline for the purchase of tickets for the Campus Club Luncheon on February 16th at 12:30 p.m. at the Hope Valley Country Club, is February 12th. These are priced at \$2.50 and may be secured by contacting Mrs. L. E. Chaiken of 2737 Dogwood Road; phone 7-6366.

DUKE HOSPITAL FEATURED LOCAL TV SERIES

Duke Hospital will be featured in a series of ten television interviews on the Peggy Mann Show, Station WTVD, Durham, each Wednesday at 1:00 p.m. from February 3 to April 6.

The series is designed to take viewers behind the scenes in the day-to-day operation of Duke Hospital via interviews with hospital officials and doctors.

Topics scheduled are: February 3, "Admitting Procedures and Hospital Organization"; February 10, "Nursing Care"; February 17, "Housekeeping, Renovation and Construction"; February 24, "Dietetics"; March 2, "Hospital Personnel"; March 9, "Medical Records"; March 16, "Operating Room and Anesthesia"; March 23, "Premature Nursery"; March 30, "The Doctor and the Hospital"; April 6, "Financial Aspects."

ARTISTS' SERIES TICKETS AVAILABLE FOR SOUZAY AND SHAW CONCERTS

Tickets are available for the Artists' Series performances of Gerard Souzay, Baritone, on Tuesday, February 16th, and the Robert Shaw Chorale and Orchestra on Thursday, March 3rd. Priced at \$2.50 and \$2.00 each these tickets may be obtained in 202-A Flowers Building, or by calling extension 2911.

REPRODUCTIONS AVAILABLE

Student Loan Reproductions may be borrowed from 103 Asbury Building, for the Spring Semester.

SPRING ACTIVITIES CALENDARS

The Duke University Spring Activities Calendar, published and distributed to the faculty, staff and student body as a service of the Student Union's House Committee, has now been distributed. Any additions or deletions will be carried in the Duke University Weekly Calendar and in the Duke Chronicle. If an error is noted, please call extension 2911 and give the correction.

WEEK OF
Feb. 14-20, 1960

CALENDAR

WEEK OF
Feb. 14-20, 1960

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 14

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor D. Elton Trueblood, Professor of Philosophy, Earlham College, Richmond, Indiana. Sermon: "The Courage to Care." Broadcast over Radio Station WDNC and WDNC-FM.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, February 15

- 4:00 p.m. Recital by Piano, Voice and Violin Students. Asbury Recital Hall.
4:30-5:30 p.m. S.U. Travel Seminar. Room 201, Flowers Building. Country: Russia. Speaker: Professor John S. Curtiss.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:00 p.m. Naval Reserve Research Meeting. Room 135, Physics Building.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

8:00 p.m. Faculty Club Meeting. University House. Speaker: Dr. Thomas Gallie.

Tuesday, February 16

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. John Wilkins.
12:30 p.m. Campus Club Luncheon. Hope Valley Club.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:15 p.m. Freshman Basketball: Duke Imps versus Wake Forest Freshmen. Indoor Stadium.
8:15 p.m. All-Star Artists' Series: Gerard Souzay, Baritone. Page Auditorium.
8:15 p.m. Varsity Basketball: Duke versus University of Virginia. Indoor Stadium.

Wednesday, February 17

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Ho Seng Ong.
4:00 p.m. Seminar on "The Nervous System and Behavior." Hospital Amphitheater. Speaker: Dr. Harlow Ades.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Mr. Khwaja Muhammed Aziz.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Last Ten Days." An Austrian film story by Erich Maria Remarque depicting the final days of Adolf Hitler, played admirably by Albin Skoda. Purported to be based on eye witness accounts.

8:00-9:00 p.m. Introductory Course IBM 650 Programming. Room 113, Physics Building.

Thursday, February 18

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. James W. Spitzkeit.

3:00 p.m. Newcomers Club. University House.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, February 19

9:00 a.m. The final examination of Miss Nancy Dolly Wolfson for the Ph.D. degree in Zoology. Room 216, Biology Building.

10:10 a.m. Divinity School Morning Chapel. York Chapel. Holy Communion. Dean Robert E. Cushman and Dr. James W. Spitzkeit.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

8:00-10:00 p.m. Co-Ree Night. Woman's College Gymnasium.

Saturday, February 20

8:00 a.m.-5:00 p.m. North Carolina Music Educator's Association Instrumental Division: Solo and Ensemble Contest. Presidents' Club Room. Woman's College Auditorium.

12:30-2:00 p.m. Short Concert in Conjunction with N. C. Music Educator's Association. Woman's College Auditorium.

2:00 p.m. Varsity Basketball: Duke versus Wake Forest College. Televised. Indoor Stadium.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Last Ten Days." An Austrian film story by Erich Maria Remarque depicting the final days of Adolf Hitler, played admirably by Albin Skoda. Purported to be based on eye witness accounts.

SERVICE OF WORSHIP

The Reverend Dr. D. Elton Trueblood, Professor of Philosophy at Earlham College, Richmond, Indiana, will deliver the sermon at the University Service of Worship on Sunday morning, February 14th, at 11:00 a.m. in the University Chapel. His subject will be "The Courage to Care." The Order of Service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University Presiding Minister

Prelude—Prelude, Fugue and Variation *Franck*

Call to Worship

Hymn—"From All That Dwell Below the Skies" *John Hatton*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Lord, Thou Alone" *Mendelssohn*

Scripture

Hymn—"God Is Love; His Mercy Brightens"

Adapted from a melody in Psalmody Sacra, Gotha

Call to Prayer

The Pastoral Prayer

The Offering

Offertory Organ Interlude

Anthem—"O Heart Subdued" *Brahms*

Response—The Doxology

Prayer of Dedication

Sermon

Prayer

Benediction

Chorale Response—"Sevenfold Amen" *Stainer*

The Chimes

Postlude—Toccata *Gigout*

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, February 14,

9:45 a.m. Sunday School. Local Baptist Churches.

6:15 p.m. Training Union. Local Baptist Churches.

Wednesday, February 17,

6:30 pm. "The Place of Emotion in Religion." Speaker: Rev. Warren Carr. East Campus Union.

Episcopal Student Fellowship:

Sunday, February 14,

9:30 a.m. Holy Communion. Preacher: Rev. Samuel Wylie. Episcopal Student Center.

6:30 p.m. "The Liturgical Movement." Speaker: Rev. Samuel Wylie. Episcopal Student Center.

Monday, February 15,

8:00 p.m. Address by Rev. Samuel Wylie—"The Ecumenical Movement." Rev. Wylie is Associate Director of the Department of College Work, Protestant Episcopal Church. Episcopal Student Center.

Tuesday, February 16,

7:10 a.m. Holy Communion. Episcopal Student Center.

Thursday, February 18,

8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Fellowship:

Sunday, February 14,

9:45 a.m. Sunday School. Local Lutheran Churches.

6:30 p.m. L. S. A., 208 Flowers Building.

Wednesday, February 17,

7:15 a.m. Holy Communion. Duke Memorial Chapel.

Methodist Student Association:

Sunday, February 14,

9:15 a.m. Sunday Seminars. Methodist Student Center.

6:30 p.m. Worship. Preacher: Bob Hyatt. Leader: Jerry Barrier.

7:15 p.m. Forum: "The Church As Mission." Dr. M. O. Williams. Methodist Student Center.

Monday, February 15,

8:00-9:00 p.m. Bible Study. Methodist Student Center.

Wednesday, February 17,

6:00 p.m. Holy Communion. Methodist Student Center.

Society of Friends:

Sunday, February 14,

7:30 p.m. Mr. John Wheeler, President of Mechanics and Farmers Bank will talk on "Some of his experiences while in South Africa." Friends Meeting House.

Westminster Fellowship:

Sunday, February 14,

9:30 a.m. Bible Class, 208 Flowers Building.

6:15 p.m. Westminster Fellowship, The Ark, East Campus.

Wednesday, February 17,

5:15 p.m. Westminster Fellowship Supper Club, East Campus Union.

NAVAL RESERVE RESEARCH MEETING

Naval Reserve Research Company 6-6 will meet at 6:00 p.m. Monday, February 15, in Room 135, Physics Building. The speaker will be Dr. K. Schmidt-Koenig of the Duke Zoology Department, reporting on "Experiments on Bird Orientation." All Naval Reserve officers of the University community, both staff and students, are invited to attend.

CAMPUS CLUB LUNCHEON

The Duke Campus Club will hold its Annual Spring Luncheon on Tuesday, February 16th, at 12:30 p.m. at the Hope Valley Country Club. The guest speaker will be Nancy Hale, well known novelist, who in private life is Mrs. Fredson T. Bowers. She resides in Charlottesville, Virginia with her husband, a member of the English Department of the University of Virginia. Mrs. Bowers is a past associate editor of Vogue Magazine and her latest novel is "Dear Beast."

FACULTY CLUB MEETING

The third meeting of the Faculty Club will be held on Monday evening, February 15th, at 8:00 p.m. in University House. Dr. Thomas M. Gallie, Jr., Assistant Professor of Mathematics, will be the speaker. Dr. Gallie will talk on "Computing at Duke University."

SEMINAR ON "THE NERVOUS SYSTEM AND BEHAVIOR"

Dr. Harlow Ades, Head, Department of Neurophysiology and Acoustics, U. S. Naval School of Aviation Medicine, Pensacola, Florida, will speak on "Cen-

tral Auditory Pathways." Dr. Ades' lecture will take place in the Duke Hospital Amphitheater at 4:00 p.m., on Wednesday, February 17th. The Departments of Anatomy, Physiology, and Psychology are joint sponsors of this interdisciplinary seminar.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, February 17th, at 4:15 p.m. in Room 113, Biology Building, West Campus. Mr. Khwaja Muhammed Aziz will speak on, "Some Ecological and Evolutionary Aspects of Algae of East Pakistan."

Mr. Aziz, who served as lecturer in Dacca University before coming to Duke as a Fulbright Scholar last autumn, has made extensive exploratory studies of fresh water and marine algae in Pakistan. Currently he is working with the Phaeophyceae and Rhodophyceae of the Gulf of Mexico.

Tea will be served at 4:00 p.m.

INTRODUCTORY COURSE IBM 650 PROGRAMMING

A series of four lectures will be given from 8:00 to 9:00 p.m. on Wednesday evenings, February 10th, 17th, and 24th, and March 2nd, in Physics Building, Room 113. The purpose of the course is to prepare members of the University Community to use the facilities of the Computing Laboratory for research and instruction. No previous computer experience and only a nodding acquaintance with Mathematics is assumed. The course will be open to all interested persons, however, only those who intend to complete the five assigned exercises are encouraged to attend. A copy of the exercises and an outline of the lectures are available in Room 121, Physics Building.

NEWCOMERS CLUB MEETING

The Newcomers Club will meet on Thursday afternoon, February 18th, at 3:00 p.m. in the University House, 403 West Chapel Hill Street. Tea will be served following the "sewing for charity" period for which Mrs. A. W. Sharer is serving as Chairman.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Nancy Dolly Wolfson for the Ph.D. degree in Zoology will be held on Friday, February 19, 1960, at 9:00 a.m. in Room 216, Biology Building. The subject of Miss Wolfson's dissertation is "An Intracellular Cleavage Inhibitor in Sea Urchin Eggs." The committee to conduct the examination will consist of Professors Karl M. Wilbur, Mary C. Bernheim, Bodil Schmidt-Nielsen, John Gregg, Henry S. Roberts. Professor Wilbur will preside.

ARTISTS' SERIES GERARD SOUZAY, BARITONE

Gerard Souzay, baritone will appear on Tuesday, February 16, at 8:15 p.m. in Page Auditorium as the fourth attraction of the Artists' Series. Tickets are available at \$2.50 and \$2.00 and may be obtained in Room 202-A Flowers Building or by calling Extension 2911.

His program follows:

I	
An Evening Hymn	Purcell
I'll Sail upon the Dogstar	Purcell
O Ruddier than the Cherry, from "Acis and Galatea"	Handel
O Sleep, Why Dost Thou Leave Me, from "Semele"	Handel
II	
An die Musik	Schubert
Der Schiffer	Schubert
Der Doppelgänger	Schubert
Ungeduld	Schubert
III	
Operatic Arias	
Non più andrai, from "The Marriage of Figaro"	Mozart
Che farò senza Euridice, from "Orfeo ed Euridice"	Gluck
Devant la maison (Mephisto's Serenade), from "La Damnation de Faust"	Berlioz
INTERMISSION	
IV	
Elégie	Massenet
Mai	Fauré
Après un rêve	Fauré
Toujours	Fauré
V	
Don Quichotte à Dulcinée (Cycle)	Ravel
Chanson romanesque	
Chanson épique	
Chanson à boire	
VI	
Folk Songs	
Were You There (American)	unaccompanied
Finsk Folkvisa (Finnish)	arr. Dorumsgaard
The Stuttering Lovers (Irish)	arr. Hughes
Sái-Aruê (Brazilian)	arr. Guarnieri
Coplas del curro dulce (Spanish)	arr. Obradors

ANNUAL SYMPOSIUM ON CHRISTIAN MISSIONS

The Annual Symposium on Christian Missions will be held in the Divinity School from February 16th-19th. Participating in the Symposium will be: Dr. M. O. Williams, Jr., Dr. John Wilkins, Dr. Vernon Middleton, Dr. Ho Seng Ong, all of the National

Board of Missions of the Methodist Church; and the Reverend James W. Spitzkeit, missionary on furlough from Korea. The times schedules for these meetings may be secured from the Divinity School Office.

GRADUATE STUDENTS

Deadline for Award Applications has been changed from March 1, to February 15. Please note.

GERONTOLOGY PROCEEDINGS AVAILABLE

Three issues of the Proceedings of the monthly Seminars of the Duke University Council on Gerontology are now available in printed form with papers on the 1955-57, 1957-58, and 1958-59 findings. Copies of each of the three issues are available at \$1.00 from the editor, Frances C. Jeffers, Executive Secretary, Regional Center for the Study of Aging, Duke University, Durham, North Carolina. Kindly include payment with order.

ATTENTION ALL GRADUATE STUDENTS

Graduate students planning to complete all requirements for degree in June, 1960, must file "Intention to Graduate" form with the Graduate School Office by March 1, 1960. No candidates for June Commencement will be accepted after this deadline.

DUKE HOSPITAL FEATURED LOCAL TV SERIES

Duke Hospital will be featured in a series of ten television interviews on the Peggy Mann Show, Station WTVD, Durham, each Wednesday at 1:00 p.m. from February 3 to April 6.

The series is designed to take viewers behind the scenes in the day-to-day operation of Duke Hospital via interviews with hospital officials and doctors.

Topics scheduled are: February 3, "Admitting Procedures and Hospital Organization"; February 10, "Nursing Care"; February 17, "Housekeeping, Renovation and Construction"; February 24, "Dietetics"; March 2, "Hospital Personnel"; March 9, "Medical Records"; March 16, "Operating Room and Anesthesia"; March 23, "Premature Nursery"; March 30, "The Doctor and the Hospital"; April 6, "Financial Aspects."

WEEK OF
Feb. 21-27, 1960

WEEK OF
Feb. 21-27, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 21

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor John Selden Whale, Author, Preacher, Lecturer, Oxford University, England. Sermon: "No and Yes: The Paradox of Redemption." Broadcast over Radio Station WDNC and WDNC-FM.

7:30 p.m. Dr. Whale Lecture. Room 107, Men's Graduate Center.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, February 22

4:30-5:30 p.m. Student Union Travel Seminar. Room 207, Flowers Building. Subject: Spain. Speaker: Mrs. Elias Torre.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

Tuesday, February 23

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. H. Shelton Smith.

4:00 p.m. Chemistry Staff Seminar. Room 01, Chemistry Building. Speaker: Dr. Bernard Porter.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:00 p.m. Illuminating Engineering Society Lecture. Men's Graduate Center. Speaker: Mr. Richard G. Slauer.

7:30 p.m. Graduate English Department Lecture. Faculty Lounge, Union (W) Building. Speaker: Professor John Fisher.

8:00 p.m. National Engineers' Week Lecture. Auditorium of Engineering Building. Speaker: Dr. S. W. Herwald.

8:15 p.m. Music Faculty Concert. Music Room, East Duke Building.

Wednesday, February 24

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. H. Shelton Smith.

11:00 a.m. Divinity School Lecture. York Chapel. Dr. John S. Whale.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

3:30 p.m. OOR Seminar. Conference Room, Office of Ordnance Research.

4:00 p.m. Phi Beta Kappa Meeting. Room 211, Divinity School.

4:00 p.m. Seminar on "The Nervous System and Behavior." Room 209, Bivins Hall. Speaker: Dr. Robert McLeary.

4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Dr. Howard J. Teas.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Doctor's Dilemma" with Dirk Bogarde, Alastair Sim, and Robert Morley. For the devotees of George Bernard Shaw a delightfully shocking film. "Deftness and charm"—N. Y. Times. Technicolor.

8:00 p.m. Joint Duke-U. N. C. Physics Colloquium. Room 113, Physics Building. Speaker: Dr. L. Thomas Aldrich.

8:00-9:00 p.m. Introductory Course. IBM 650 Programming. Room 113, Physics Building.

Thursday, February 25

10:00 a.m.-5:00 p.m. The Sixth Annual Conference on Children with Special Needs. Page Auditorium.

10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Howard Harrod.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.

8:00 p.m. Duke Pre-Med Society. Hospital Amphitheater. Speaker: Dr. J. L. Callaway.

8:00 p.m. Sigma Xi Meeting. Room 114, Physics Building. Speaker: Dr. James Wyngaardin.

8:15 p.m. Duke Players Reading: "Under Milkwood." Branson Hall.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, February 26

9:00 a.m.-1:00 p.m. The Sixth Annual Conference on Children with Special Needs. Page Auditorium.

10:10 a.m. Divinity School Morning Chapel. York Chapel.

2:30 p.m. The final examination of Mr. William Robert Insko for the Ed.D. degree in Education. Room 08A, West Duke Building.

3:30 p.m. OOR Lecture. Conference Room 101, Office of Ordnance Research. Speaker: Dr. Emil J. Gumbel.

3:30-5:00 p.m. Annual Teacher Education Conference. Men's Graduate Center.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

6:30 p.m. Annual Teacher Education Conference Dinner. Union Ballroom.

8:00-10:00 p.m. Co-Rec Activities. Woman's College Gymnasium.

Saturday, February 27

9:00 a.m.-5:00 p.m. State Solo and Ensemble Concert—Vocal Division. Asbury Building.

9:00-12:00 a.m. Annual Teacher Education Conference. Men's Graduate Center.

6:15 p.m. Freshman Basketball. Duke versus U.N.C. Indoor Stadium.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Doctor's Dilemma" with Dirk Bogarde, Alastair Sim, and Robert Morley. For the devotees of George Bernard Shaw a delightfully shocking film. "Deftness and charm"—N. Y. Times. Technicolor.

8:15 p.m. Varsity Basketball. Duke versus University of North Carolina. Indoor Stadium.

ORDER OF WORSHIP

The Reverend Dr. John Selden Whale, author, preacher, lecturer, Oxford University, England, will deliver the sermon at the University Service of Worship on Sunday morning, February 21st, at 11:00 a.m. in the University Chapel.

The Reverend Howard C. Wilkinson, Chaplain to the University Presiding Minister

Prelude: Prelude and Fugue in G minor *Buxtehude*

Call to Worship: "The Lord Is in His Holy Temple" *Harrington*

Hymn: "A Mighty Fortress Is Our God" *Martin Luther*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Scripture: Isaiah 28: 14-18, 21; II Cor. 1: 18-20

Hymn: "In Christ There Is No East or West" *Reinagle*

Call to Prayer

The Prayer of Intercession

Silence

The Offering

Offertory Organ Interlude

Anthem: "The Redeemed of the Lord Shall Return Again" from "Requiem" *Brahms*

Response: The Doxology

Prayer of Dedication

Sermon: "No and Yes: The Paradox of Redemption"

Prayer

Benediction

Chorale Response: "Sevenfold Amen"

Stainer

The Chimes

Postlude: Chaeonne

Couperin

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, February 21,

9:45 a.m. Sunday School. Local Baptist Churches.

6:15 p.m. Training Union. Local Baptist Churches.

Wednesday, February 24,

5:15 p.m. Dinner Meeting. East Campus Union.

Duke Christian Fellowship:

Sunday, February 21,

1:30 p.m. Discussion on Christian Witnessing. 201 East Duke Building.

Episcopal Student Fellowship:

Sunday, February 21,

9:30 a.m. Holy Communion. Breakfast following. Episcopal Student Center.

6:30 p.m. Evening Prayer.

6:30 p.m. Panel: "Quiz the Deans." Dean Robert Cox and Dean Mary G. Wilson. Episcopal Student Center.

Tuesday, February 23,

7:10 a.m. Holy Communion. Episcopal Student Center.

Wednesday, February 24,

7:10 a.m. Holy Communion. Episcopal Student Center.

Thursday, February 25,

8:00 a.m. Holy Communion. Episcopal Student Center.

An exhibit of drawings and paintings by Robert Broderson is being shown at the Episcopal Student Center. All are welcome.

4:00 p.m. Coffee hour in honor of Mr. Broderson. Episcopal Student Center.

Lutheran Student Association:

Sunday, February 21,

9:45 a.m. Sunday School. Local Lutheran Churches.

6:15 p.m. "The Student's Role in Racial Injustice." Congregational Christian Church.

Wednesday, February 24,

7:15 p.m. Holy Communion. Memorial Chapel.

Westminster Fellowship:

Sunday, February 21,

9:30 a.m. Bible Class. 201 Flowers Building.

6:15 p.m. Joint Meeting with United Student Fellowship and Lutheran Student Association.

Wednesday, February 24,

5:15 p.m. Westminster Supper Club. East Campus Union.

Methodist Student Fellowship:

Sunday, February 21,

9:15 a.m. Sunday School Classes. Methodist Student Center.

6:30 p.m. Worship. Preacher: Reverend Arthur Brandenburg. Methodist Student Center.

DR. WHALE LECTURE

Dr. John S. Whale, author, preacher, and lecturer of Oxford University will speak on Sunday evening, February 21st, at 7:30 p.m. in Room 107, Men's Grad-

uate Center on the topic "Thinking Is Our Business" (reflections on contemporary trends in British Theology). The public is cordially invited to attend. This lecture-discussion is sponsored by the Graduate Religious Life Committee of the University Religious Council.

CHEMISTRY STAFF SEMINAR

Dr. Bernard Porter, of the U. S. Bureau of Mines, Reno, will speak at the Chemistry Staff Seminar on Tuesday, February 23rd, at 4:00 p.m. in Room 01 of the Chemistry Building. The subject of Dr. Porter's address will be "Some New Aspects of High Temperature Electrometallurgy." All interested persons are invited.

ILLUMINATING ENGINEERING SOCIETY LECTURE

The Tar Heel Section of the Illuminating Engineering Society will meet on Tuesday, February 23rd at 7:00 p.m. in the Men's Graduate Center to hear an address on "General Trends in Lighting Applications." Mr. Richard G. Slauer, Manager—Marketing Services, Sylvania Lighting Products will be the guest speaker. The public is cordially invited to hear this progress report on lamps and fixtures with emphasis on methods of interior illumination.

GRADUATE ENGLISH DEPARTMENT LECTURE

Professor John Fisher, of the English Department, will present a program on "Beowulf and the Sutton Hoo Treasures" using colored slides. The lecture, which is under the sponsorship of the Graduate English Department, will be given on Tuesday, February 23rd in the Faculty Lounge (West), Union Building, at 7:30 p.m.

NATIONAL ENGINEERS' WEEK LECTURE

As part of the celebration of National Engineers' Week, February 21-27, the College of Engineering, in cooperation with Central Carolina Chapter of Professional Engineers of North Carolina, has invited Dr. S. W. Herwald, Vice President in charge of Research, Westinghouse Electric Corporation, to speak on February 23rd. The theme of the week is: "Engineering's Great Challenge—the 1960's." Dr. Herwald's topic will be in keeping with that theme. The program will take place on Tuesday, February 23rd, at 8:00 p.m., in the auditorium of the Engineering Building. The public is cordially invited.

MUSIC FACULTY CONCERT

The Department of Aesthetics, Art and Music will present a concert of recent works by Dr. William Klenz, of the Duke Faculty, at 8:15 p.m. on Tuesday, February 23rd, in the Music Room of East Duke Building. Members of the Duke Music Faculty will be assisted by the String Quartet of the University of North Carolina and the Duke Madrigal Singers. The public is cordially invited to this concert for which there will be no admission charge.

The participants will be: Loren Withers, pianist; John Hanks, tenor; Ruth Friedberg, pianist; Julia Mueller, violinist; Allan Bone, clarinetist; Alice Wilkinson, pianist; University of North Carolina String Quartet: Edgar Alden, Jean Heard, violinists; Dorothy Alden, violinist; Mary Gray Clarke, cellist; The Duke Madrigal Singers.

The program follows:

Sonata 1959

Lento, Allegro

Valzer

Allegro Energiaco

Mr. Withers

Psalms

126 (Authorized Version) 1959

122 (Authorized Version) 1959

137 (Book of Common Prayer) 1937, 1958

Mr. Hanks and Mrs. Friedberg

Quartet 1959

Allegro

Intermezzi

1. Tango e Pasodoble
2. "Lonesome Music"

Adagio

Mrs. Mueller, Mr. Bone, Mr. Klenz, Mrs. Wilkinson

Intermission

Rounds on Nursery Rhymes 1959

Grey Goose and Gander

Jack Sprat

How Many Miles to Babylon

My Father Died a Month Ago

I Had Two Pigeons

When Good King Arthur

Daffydowndilly

Cobbler, Cobbler

The Lion and the Unicorn

The King of France

Jack Be Nimble

The Madrigal Singers

Sleep On (John Hall Wheelock) 1937

Bells in the Rain (E. Wylie) 1943

Palmetto Town (Hervey Allen) 1944

Le Pont Mirabeau (G. Apollinaire) 1945

Hush (Robert Nathan) 1959

Como (Robert Nathan) 1959

Song of Orpheus (Helen Bevington) 1960

Walk the Silver Night (Helen Bevington) 1960

Mr. Hanks and Mrs. Friedberg

Quartet 1959

Andante, Allegro

Lento, Allegro Lento; Andante Allegro

Mr. Alden, Mrs. Alden, Mrs. Heard, Miss Clarke

DIVINITY SCHOOL LECTURE

On Wednesday, February 24th, at 11:00 a.m. a Divinity School Lecture will be given in the York Chapel. Dr. John S. Whale of Oxford University, England, will lecture on the topic "Our Rediscovery of Satan." Dr. Whale is currently visiting lecturer at Princeton University. Interested persons are cordially invited to attend.

OOR SEMINAR

Professor Fritz Zwicky, Head of the Department of Astro-Physics, California Institute of Technology, Pasadena, California, will speak on "Morphology of Research, Invention and Discovery" at the OOR Seminar, Wednesday, February 24th, at 3:30 p.m. in the Office of Ordnance Research. Preceding Professor Zwicky's address, refreshments will be served at 3:00 p.m. in the Conference Room, Office of Ordnance Research. A cordial invitation is extended to all interested persons.

PHI BETA KAPPA

The regular winter business meeting of Phi Beta Kappa will be held on Wednesday, February 24th, at 4:00 p.m. in Room 211, Divinity School. At this meeting all classes of electives will be considered, and officers for the academic year 1960-61 will be named.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, February 24th, at 4:15 p.m., in Room 113, Biology Building, West Campus. Dr. Howard J. Teas, Department of Botany, Agricultural Experiment Station, University of Florida, Gainesville, Florida, will speak on "Geotropism."

Dr. Teas was trained as a physiological geneticist at Stanford and the California Institute of Technology. He has been a member of the Genetics Department of the Carnegie Institution of Washington, the Biology Division of the Oak Ridge National Laboratory, and the Federal Experiment Station, Mayaguez, Puerto Rico. Much of his research has been on biochemical pathways in maize with genetics as a primary tool. His interest has turned recently to the causes of "laziness" in maize.

SEMINAR ON "THE NERVOUS SYSTEM AND BEHAVIOR"

Dr. Robert McCleary, Department of Psychology, University of Michigan, will speak on "Response Differentiation of Two Limbic System Lesions." Dr. McCleary's lecture will take place in Room 209 Bivins Hall, East Campus at 4:00 p.m., Wednesday, February 24th. This is a continuation of the interdisciplinary seminar sponsored jointly by the Departments of Anatomy, Physiology, and Psychology.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics Colloquium will meet Wednesday, February 24th, at 8:00 p.m., Room 113, Physics Building, Duke University. The speaker will be Dr. L. Thomas Aldrich of Carnegie Institution of Washington, Department of Terrestrial Magnetism, Washington, D. C. The topic will be "Problems in Nuclear Geophysics."

INTRODUCTORY COURSE IBM 650 PROGRAMMING

A series of four lectures will be given from 8:00 to 9:00 p.m. on Wednesday evenings, February 10th, 17th, and 24th, and March 2nd, in Physics Building, Room 113. The purpose of the course is to prepare members of the University Community to use the facilities of the Computing Laboratory for research and instruction. No previous computer experience and only a nodding acquaintance with Mathematics is assumed. The course will be open to all interested persons, however, only those who intend to complete the five assigned exercises are encouraged to attend. A copy of the exercises and an outline of the lectures are available in Room 121, Physics Building.

PRE-MED MEETING

The Pre-Medical Society will hold its next meeting on Thursday, February 25th in the Hospital Amphitheater at 8:00 p.m. Dr. J. L. Callaway, of the Duke Hospital Dermatology Department, will speak on "Dermatology and Venereal Disease." The public is invited.

The James Rast Award for superior achievement in Comparative Vertebrate Anatomy will be presented at this time by Dr. Edward C. Horn, Department of Zoology.

SIGMA XI MEETING

The Duke Chapter, Society of the Sigma Xi, will meet on Thursday, February 25th, at 8:00 p.m., in Room 114, Physics Building. Dr. James Wyngaardin, Department of Biochemistry, will speak on "Inborn Errors of Metabolism." The public is cordially invited to attend.

DUKE PLAYERS "UNDER MILKWOOD"

Duke Players will present a reading of "Under Milkwood," a play for voices, by Dylan Thomas, directed by Earl McCarroll, '61, on Thursday and Friday evenings, February 25th and 26th at 8:15 p.m. in Branson Hall. There will be no charge for admission.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. William Robert Insko for the Ed.D. degree in Education will be held on Friday, February 26, 1960, at 2:30 p.m., in Room 08-A West Duke Building. The subject of Mr. Insko's dissertation is "A Study of Women Directors of Christian Education in the Parishes of the Episcopal Church in the Continental United States." The committee to conduct the examination will consist of Professors E. C. Bolmeier, A. S. Hurlbert, Olan L. Petty, W. A. Stumpf, and Shelton Smith. Professor Bolmeier will preside.

OOR LECTURE

The Office of Ordnance Research will sponsor a lecture on "Statistical Theory of Extreme Values, and Some Engineering Applications" by Dr. Emil J. Gumbel, Columbia University, in the Conference Room 101 Office of Ordnance Research, at 3:30 p.m., Friday, February 26, 1960. All interested persons are cordially invited to attend. Social period preceding Dr. Gumbel's lecture will start at 3:00 p.m. in the conference room.

GLEE CLUB CONCERT CANCELLED

The concert scheduled for the Duke University Men's Glee Club for Friday, February 26th, has been postponed because of unavoidable conflicts. Efforts are being made to arrange for another date later in the year.

CHANGE OF DATE

The Delaisse Lecture, originally scheduled for Tuesday, March 15th, will be given on Tuesday, March 22nd in Asbury Auditorium at 8:15 p.m.

WOMAN'S COLLEGE SCHOLARSHIPS

The Woman's College Scholarship Committee announce the availability of fifteen scholarships for rising upperclass members of the Woman's College. Applications may be secured in Room 115, East Duke Building on and after February 4, 1960. These must be returned on or before March 14, 1960. Scholarship winners will be announced in the W. S. G. A. assembly in May.

The partial scholarships, ranging from \$100 to \$400 are:

- 10 Alice M. Baldwin Scholarships
- 2 Evelyn Barnes Memorial Scholarships
- 1 Panhellenic Scholarship
- 1 Delta Delta Delta Scholarship
- 1 Sandals Scholarship

All are available to rising sophomores, juniors, and seniors except the Sandals Scholarship which is given to a rising sophomore. These scholarships are awarded by the Woman's College Scholarship Committee on the bases of scholarship, character, leadership, and financial need.

They were instituted for the assistance of Duke University women by students, alumnae, and friends of the Woman's College. The phenomenal growth of the funds available for scholarship aid in the past ten years has been due to the generosity and continued interest of this same group, augmented by each succeeding class.

JOACHIM PROBST EXHIBIT

The Methodist Student Fellowship will sponsor a showing of the works of Joachim Probst, American painter, in the Alumni Lounge opening Monday, February 22nd and continuing to Tuesday, March 5th. The exhibit will include fifteen canvases, ten oils and five drawings. The public is cordially invited to view this exhibit.

Mr. Probst has been painting for twenty years; his persistent themes are Christ and His crucifixion. Arthur Millier of the *Los Angeles Times* describes his technique as that "of troweled and brushed pigment, as exciting in color, form, and movement as that of the best abstract expressionists. But the paint is his means of making powerful, moving statements of his conception of the central figure of our heritage."

DUKE HOSPITAL FEATURED LOCAL TV SERIES

Duke Hospital will be featured in a series of ten television interviews on the Peggy Mann Show, Station WTVD, Durham, each Wednesday at 1:00 p.m. from February 3 to April 6.

The series is designed to take viewers behind the scenes in the day-to-day operation of Duke Hospital via interviews with hospital officials and doctors.

Topics scheduled are: February 3, "Admitting Procedures and Hospital Organization"; February 10, "Nursing Care"; February 17, "Housekeeping, Renovation and Construction"; February 24, "Dietetics"; March 2, "Hospital Personnel"; March 9, "Medical Records"; March 16, "Operating Room and Anesthesia"; March 23, "Premature Nursery"; March 30, "The Doctor and the Hospital"; April 6, "Financial Aspects."

WEEK OF
Feb. 28-Mar. 5, 1960

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Feb. 28-Mar. 5, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 28

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Stuart C. Henry, Associate Professor of American Christianity, Duke Divinity School. Sermon: "Beyond Damascus." Broadcast over Radio Station WDNC and WDNC-FM.

2:00-5:00 p.m. Wesley Players announce tryouts for T. S. Eliot's *Murder in the Cathedral*. Methodist Student Center.

8:00-10:00 p.m. Wesley Players announce tryouts for T. S. Eliot's *Murder in the Cathedral*. Methodist Student Center.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, February 29

12:00 m. Gerontology Lecture. Room 3031, Duke Hospital. Speaker: Dr. Ralph W. Brauer.

2:00 p.m. The final examination of Mr. Harry Berst Mark, Jr. for the Ph.D. degree in Chemistry. Room 303, Chemistry Building.

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Jeanne Larkin.

4:30-5:30 p.m. Student Union Travel Seminar. Room 207, Flowers Building. Subject: Italy. Speaker: Mr. Earl Mueller.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

8:00 p.m. Joint Duke-U.N.C. Philosophy Colloquium. Room 213, Caldwell Hall, Chapel Hill, North Carolina. Speaker: Professor José Ferrater Mora.

Tuesday, March 1

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Stuart C. Henry.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208. Asbury Building.

8:00 p.m. Joint Duke-U.N.C. Philosophy Colloquium. Room 211-A, West Duke Building. Speaker: Professor José Ferrater Mora.

Wednesday, March 2

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Stuart C. Henry.

11:00 a.m. Divinity School Student Assembly. York Chapel. Speaker: Dr. Jerome W. Davis.

1:00 p.m. Duke Hospital featured in TV Series. Station WTVD. Topic: Hospital Personnel.

4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Mr. Norman Edward Kowal.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:15 p.m. Quadrangle Pictures. Page Auditorium. "The Inspector General" with the Moscow Art Theatre cast. From the Soviet Union, Gogol's satirical comedy of provincial corruption in Tsarist Russia. In color.

8:00-9:00 p.m. Introductory Course. IBM 650 Programming. Room 113, Physics Building.

8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 206, Phillips Hall. Speaker: Professor Walsey S. Krogdahl.

Thursday, March 3

10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Gene Norris.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. All-Star Artists' Series: Robert Shaw Chorale and Orchestra. Page Auditorium.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, March 4

ANGIER B. DUKE WEEK-END.

8:30 a.m. Economics Department Seminar. Room 117, Social Science Building. Speaker: Professor Fritz Machlup.

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Stuart C. Henry.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

7:30 p.m. American Association of University Professors. Room 204-A, East Duke Building. Speaker: Professor Fritz Machlup.

8:00-10:00 p.m. Co-Rec Activities. Woman's College Gymnasium.

8:15 p.m. Duke Symphony Orchestra Pops Concert. Page Auditorium.

Saturday, March 5

ANGIER B. DUKE WEEK-END.

2:00-4:00 p.m. Catherine Crozier Organ Master Class. University Chapel.

7:00 and 9:15 p.m. Quadrangle Pictures. Page Auditorium. "The Inspector General" with the Moscow Art Theatre cast. From the Soviet Union, Gogol's satirical comedy of provincial corruption in Tsarist Russia. In color.

8:15 p.m. Senior Recital: Hildegard Kopf. Asbury Recital Hall.

ORDER OF WORSHIP

The Reverend Dr. Stuart C. Henry, Associate Professor of American Christianity, Duke Divinity School, will deliver the sermon at the University Service of Worship, at 11:00 a.m. on Sunday morning February 28th, in the University Chapel. His subject will be "Beyond Damascus." The order of the service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University	
Presiding Minister	
Prelude: Three Pieees	<i>Vierne</i>
Call to Worship: "The Lord Is in His Holy Temple"	<i>Harrington</i>
Hymn: "O Worship the King"	<i>Johann M. Haydn</i>
Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Anthem: "Alleluia!"	<i>Handel</i>
Hymn: "God of Grace and God of Glory"	<i>John Hughes</i>
Call to Prayer	
The Pastoral Prayer of Adoration, Thanksgiving,	
Intercession, Petition and Dedication	
The Offering	
Offertory Organ Interlude	
Anthem: "Wir Eilen Mit Sehwachen,"	
<i>Dock Emsigen Schritten'</i>	<i>Bach</i>
Response: The Doxology	
Prayer of Dedication	
Sermon: "Beyond Damaseus"	
Prayer	
Benediction	
Chorale Response: "Sevenfold Amen"	<i>Stainer</i>
The Chimes	
Postlude: Litanies	<i>Alain</i>

DENOMINATIONAL MEETINGS

Baptist Student Union:

- Sunday, February 28,
9:45 a.m. Sunday School. Local Churches.
6:15 p.m. Training Union. Local Churches.
Wednesday, March 2,
6:30 p.m. Student Program. Speaker: Jim Baueom. East Duke Chapel.

Episcopal Student Fellowship:

- Sunday, February 28,
9:30 a.m. Holy Communion. Breakfast following. Episopal Student Center.
5:30 p.m. Faculty-Student Party. Buffet Supper and Entertainment. Episopal Student Center.
Tuesday, March 1,
7:10 a.m. Holy Communion. Episopal Student Center.
Wednesday, March 2,
7:00 a.m. Holy Communion. Episopal Student Center.
7:00 p.m. Holy Communion. Episopal Student Center.

Thursday, March 3,

8:00 a.m. Holy Communion. Episopal Student Center.

Friday, March 4,

6:00 p.m. Evening Prayer. Episopal Student Center.

Society of Friends:

Sunday, February 28,

7:30 p.m. "Freedom, Opportunity and Responsibility."

Speaker: Watts Hill, Jr.

Presbyterian Fellowship:

Sunday, February 28,

9:30 a.m. Presbyterian Bible Class, 208 Flowers Building.

6:15 p.m. Westminster Fellowship. The Ark, East Campus. Speaker: Reverend Warren Carr, Pastor, Watts Street Baptist Church.

Wednesday, March 2,

5:15 p.m. Supper Club. East Campus Union.

Unitarian Fellowship:

Sunday, February 28,

7:30 p.m. "Religion of the Social Agencies" at the home of Professor Edgar Thompson, 138 Pinecrest Road.

Lutheran Student Association:

Sunday, February 28,

9:45 a.m. Sunday School. Local Churches.

6:30 p.m. Skating outing (Dutch). Rides at East Campus Circle and Chapel steps.

Wednesday, March 2,

7:15 a.m. Holy Communion. Memorial Chapel.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Harry Berst Mark, Jr., for the Ph.D. degree in Chemistry will be held on Monday, February 29th, 1960 at 2:00 p.m. in Room 303, Chemistry Building. The subject of Mr. Mark's dissertation will be "The Overpotentials and the Discharge Mechanisms of Some Oxide Electrodes." The committee to conduct the examination will consist of Professors W. C. Vosburg, J. H. Saylor, D. G. Hill, C. R. Hauser, and H. W. Lewis. Professor Vosburg will preside.

GERONTOLOGY LECTURE

Dr. Ralph W. Brauer, Chief, Pharmacology Branch, U. S. Naval Radiological Defense Laboratory, San Francisco will give a lecture on Monday, February 29th, from 12:00 noon until 1:00 p.m. in Room 3031, Duke Hospital. His topic will be "Biological Memory, Aging and Radiation." All interested persons of the University Community are cordially invited to attend.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, February 29th, in Room 113, Biology Building, at 4:15 p.m. Dr. Jeanne Larkin, Department of Zoology, will speak on, "Some Aspects of Homotransplantation." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

JOINT DUKE-U.N.C. PHILOSOPHY COLLOQUIUM

Professor José Ferrater Mora of Bryn Mawr College will be the guest of the Philosophy Departments of Duke and U.N.C. on Monday and Tuesday, February 29th and March 1st. On Monday, he will speak at 8:00 p.m. in Room 213, Caldwell Hall in Chapel Hill. His topic will be "Philosophy as a Point of View." On Tuesday, he will speak at 8:00 p.m., in 211-A West Duke Building, at Duke University. His topic will be "Philosophy and Science." Interested members of the University Community are cordially invited to attend.

DUKE HOSPITAL FEATURED LOCAL TV SERIES

Duke Hospital is being featured in a series of television interviews on the Peggy Mann Show, Station WTVD, Durham, each Wednesday at 1:00 p.m. The series is designed to take viewers behind the scenes in the day-to-day operation of Duke Hospital via interviews with hospital officials and doctors.

Topics scheduled are: March 2nd, "Hospital Personnel"; March 9th, "Physical Therapy"; March 16th, "Premature Nursery"; March 23rd, "Operating Room and Anesthesia"; March 30, "The Doctor and the Hospital"; April 6th, "Financial Aspects."

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, March 2nd, at 4:15 p.m. in Room 113, Biology Building, West Campus. Mr. Norman Edward Kowal, Department of Botany, will speak on "The Mature Upland Deciduous Forest of Maine." Tea will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

There will be a meeting of the joint Duke-U.N.C. Physics Colloquium on Wednesday, March 2nd, at

8:00 p.m. at Phillips Hall, Room 206, University of North Carolina. The speaker will be Professor Walsey S. Krogdahl of the University of Kentucky, who will speak on "A Lorentz-Invariant Formulation of Dynamics and Gravitation."

THE ARTISTS' SERIES PRESENTS THE ROBERT SHAW CHORALE AND ORCHESTRA

The Artists' Series will present as the final concert of the 1959-60 season, The Robert Shaw Chorale and Orchestra on Thursday, March 3rd at 8:15 p.m. in Page Auditorium. Only standing room, priced at \$1.00 each, remains available for this performance and may be obtained by calling or coming by the Student Activities Office, 202-A Flowers Building, extension 2911.

The program follows:

MASS IN B MINOR

Johann Sebastian Bach (1685-1750)

Massa

Kyrie

Gloria

Symbolum Nicenum (Credo)

Sanctus

Osanna, Benedictus, Agnus Dei et Dona Nobis Pacem

ECONOMICS DEPARTMENT SEMINAR

Professor Fritz Machlup of the Department of Political Economy, Johns Hopkins University, will address a seminar for the Economics Department on Friday morning, March 4th, at 8:30 a.m. in Room 117 of the Social Science Building. The subject will be "Some Misconceptions Concerning the Comparative Merits of Micro and Macro Economics." The University Community is cordially invited.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS

There will be an open meeting of the Duke Chapter of the American Association of University Professors on Friday, March 4th, at 7:30 p.m., in Room 204-A of the East Duke Building. Professor Fritz Machlup, of Johns Hopkins University and Chairman of Committee on the Economic Status of the Profession, will offer a preview of his Report on Academic Salaries, 1959-'60, to be presented later to the Annual Meeting in Detroit. Professor Richard Leach, Chairman of the local Committee on Academic Salaries and Living Costs, will also distribute and comment on his Committee's report on Academic Salaries at Duke University, 1959-'60. All members of the University Community are cordially invited to attend.

ANGIER B. DUKE FINALISTS MEETING

The Thirteenth Annual Finalists Meeting for the Angier B. Duke Memorial Scholarships available to students from North and South Carolina is being held on the campus on Friday and Saturday, March 4th and 5th. Contestants for the Scholarships from the Virginia, Maryland, and the District of Columbia Regions, will also be in attendance for this week-end.

The contestants will take part in a program of tests and interviews to determine the Scholarship winners. In addition to the program of selection, the contestants and their Duke student sponsors will be entertained at a luncheon and a dinner given in their honor.

The program is as follows:

Friday, March 4th,

12:15 p.m. Contestants Luncheon. Private Dining Room,
2nd floor, Union Building, East Campus.

2:00-5:00 p.m. Tests. Lecture Room 114, Physics Building, West Campus.

6:00 p.m. Contestants Dinner. Union Ballroom, West Campus.

8:15 p.m. Duke Symphony Orchestra Pops Concert. Page Auditorium.

9:30 p.m. Reception for the Contestants and their sponsors.
Flowers Lounge.

Saturday, March 5th,

8:30 a.m. Interviews. Finalists report to Green Room, East Duke Building.

10:30 a.m.-12:15 p.m. Student Union Open House and Concert by Combo from the Duke Ambassadors. Room 208, Flowers Building.

12:30 p.m. Luncheon. Union Ballroom.

SYMPHONIC POPS

The Duke Symphony Orchestra, with Allan H. Bone conducting, presents an evening of Fun and Music honoring the Angier B. Duke scholarship finalists on Friday evening, March 4th at 8:15 p.m. in Page Auditorium. The University Community is cordially invited to attend with their families. Admission at the door: Throw a quarter on the drum as you enter.

The program follows:

Fanfare for Fourteen Players	Burrill Phillips
To our Angier B. Duke Guests	
Russian Sailor's Dance	Gliere
Introduction and Fugue	
Adagio	Thomas Harrell, Flutist '63
Finale	
Intermezzis: From Quartet (1959)	William Klenz
Tango e Pasodoble	
"Lonesome Music"	
Julia Mueller, violinist	William Klenz, 'cellist
Allan Bone, clarinetist	Alice Wilkinson, pianist

In the Still of the Night

Cole Porter

Arr. Spialek

Frederick Lowe

Trans. R. R. Bennett

Beth Lee Diaz, Soprano

John Hanks, Tenor

In Balladentos for String Orchestra

Grieg-Maddy

Rosamunde Overture

Schubert

CATHERINE CROZIER ORGAN MASTER CLASS

Catherine Crozier, world famous organist, will present an organ recital in the Duke University Chapel next Sunday afternoon, March 6th, at 4:00 p.m. The public is cordially invited to attend. Miss Crozier is currently on the faculty of Rollins College, Winter Park, Florida. She will conduct a master class in the chancel of the Chapel, Saturday, March 5th, from 2:00 until 4:00 p.m.

SENIOR RECITAL HILDEGARD KOPF

The Department of Aesthetics, Art and Music will present Hildegard Kopf, pianist, in a senior recital on Saturday, March 5th, at 8:15 p.m. in Asbury Recital Hall. Miss Kopf, a student of Loren Withers will present the following program. The public is cordially invited to attend.

Program

Prelude and Fugue No. 8 in E flat minor, from "Well-tempered Clavichord," Vol. I. Bach

Sonata in C major, K. 330 Mozart

Allegro Moderato

Andante Cantabile

Allegretto

Passacaglia Copland

INTERMISSION

Papillons, Op. 2 Schumann

Ballade in F minor, Op. 52 Chopin

DANFORTH FOUNDATION SUMMER SEMINAR

The attention of all faculty members who teach in fields other than Religion is called to an opportunity for study at Pacific School of Religion, June 27-July 8, 1960. The Danforth Foundation is conducting a summer seminar on "Excellence in Higher Education," which will feature theological dimensions of college teaching. This will be conducted at the Pacific School of Religion at Berkeley, California.

Scholarships are available which cover the cost of

tuition, board and room at the Pacific School of Religion. Only twenty-five scholarships are available, and participation in the seminar is limited to the twenty-five who receive these scholarships. Faculty member of the seminar is Dr. Charles S. McCoy, Professor of Religion in Higher Education at Pacific School of Religion. Interested faculty members should contact Chaplain Howard C. Wilkinson, at the Duke University Chapel.

JOACHIM PROBST EXHIBIT

The Methodist Student Fellowship will sponsor a showing of the works of Joachim Probst, American painter, in the Alumni Lounge opening Monday, February 22nd and continuing to Tuesday, March 5th. The exhibit will include fifteen canvases, ten oils and five drawings. The public is cordially invited to view this exhibit.

Mr. Probst has been painting for twenty years; his persistent themes are Christ and His crucifixion. Arthur Millier of the **Los Angeles Times** describes his technique as that "of troweled and brushed pigment, as exciting in color, form, and movement as that of the best abstract expressionists. But the paint is his means of making powerful, moving statements of his conception of the central figure of our heritage."

LOYALTY FUND DRIVE

Every year about this time, members of the faculty and staff of the University are given an opportunity to participate in the Loyalty Fund. This year's drive is headed by Pelham Wilder, Jr., and his committee is composed of representatives of each school, department or division.

Last year the faculty and staff contributed \$12,176.64, and this amount was an important factor in reaching the over-all goal of \$300,000. \$285,000 has been pledged toward this year's goal of \$325,000.

INTRAMURAL VOLLEYBALL PROGRAM

The Duke University Intramural Department invites the faculty to participate in the 1960 Intramural Volleyball Program. A separate faculty league will be set up. At the end of the regular season, first and second place teams will be entered into the play-offs with the independent and fraternity teams for the University Championships.

Games will be played on Monday and Thursday

evenings, at 7:00 p.m., and the scheduling will be done by the Intramural Department. Teams can be formed by departments or any way the faculty desires. Entries must be turned in to Coach Jim Bly's office or the Intramural Office, Card Gymnasium, by Saturday, March 5th. Play will start the following week. Schedules will be distributed throughout the campus. Roster sheets are available at the Student Activities office, 202-A Flowers Building.

GEORGE BERNARD SHAW'S "DEAR LIAR" PRESENTED

The Major Attractions Committee of the Student Union will sponsor Katharine Cornell and Brian Aherne in the presentation by Guthrie McClintic, in association with Sol Hurok, of Jerome Kilty's "Dear Liar," on Friday evening, March 11th, at 8:15 p.m. in Page Auditorium.

Scheduled to open on Broadway less than a week after the Duke performance, the show has "produced the liveliest and most amusing dialogue" of the season. One leading critic called it "wholly fascinating, brilliantly witty, deeply revealing, and, in the end, quite, quite, moving."

All seats are reserved. Prices are \$3.00, \$2.50, and \$2.00, and tickets will be sold from 2:00 to 5:00 p.m., March 2nd-4th, and March 7th-10th in Page Auditorium Box Office. Tickets will be on sale the day of the production from 2:00 p.m. until showtime. Reservations can be made by calling 9011 (extension 2911) during office hours.

ARTS COUNCIL LENDING LIBRARIES

The Arts Council Record and Reproduction Lending Libraries, located in Asbury Building on the Woman's College Campus hold these hours and regulations:

Reproduction Library

Open 1:00-5:00 p.m.—Monday through Friday.
Pictures are rented at a rate of .75 cents per month, for a limit of three months. A penalty of .25 cents a week will be charged for late return. Membership cards must be shown as loans are made.

Record Library

Open 2:00-5:00 and 7:00-10:00 p.m.—Monday through Friday.

9:00-12:00—Saturday morning
2:00- 5:00—Sunday afternoon

Record lending fees: Four days, 10 cents.

WEEK OF
March 6-12, 1960

CALENDAR

WEEK OF
March 6-12, 1960

OF

DUKE UNIVERSITY



Events of the Week

Sunday, March 6

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Roy A. Burkhardt, Minister Emeritus, First Community Church, Columbus, Ohio. Sermon: "On Being a Peacemaker." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Guest Organ Recital: Catherine Crozier. University Chapel.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, March 7

2:30 p.m. The final examination of Mr. Fritz Hofmann for the Ph.D. degree in Physics. Room 218, Physics Building.

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Franklin McLean.

4:30-5:30 p.m. Student Union Travel Seminar. Room 207, Flowers Building. Subject: Germany, Switzerland, and Austria. Mr. Jens Broderson.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

6:00 p.m. Naval Reserve Research Meeting. Room 135, Physics Building. Speaker: Dr. Ernest Chick.

6:00 p.m. Trinity College Historical Society Meeting. Men's Graduate Center. Speaker: Professor William E. Scott.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

8:00 p.m. Erasmus Club. Green Room, East Duke Building. Speaker: Professor John H. Fisher.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Tuesday, March 8

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Guy Ranson.
- 3:30 p.m. The final examination of Mr. Carlos T. Flick for the Ph.D. degree in History. Room 312, Allen Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208. Asbury Building.

Wednesday, March 9

- 10:00-12:00 a.m. Campus Club Coffee. University House. A Fashion Show of Times Past and Present. (One showing.)
- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Guy Ranson.
- 4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Mr. Norman Edward Kowal.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Rashomon." The outstanding Japanese film that was the Grand Prize Winner, Venice International Film Festival. Academy Award Winner. "Best Foreign Film." "A rare piece of film art." N.Y. Times. A Duke Film Society Selection.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 113, Physics Building. Speaker: Dr. C. Dilworth-Ochialiu.
- 8:00-9:00 p.m. Introductory Course. I.B.M. 650 Programming. Room 113, Physics Building.

Thursday, March 10

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Bill Sharpe.
- 4:00 p.m. Undergraduate Faculty Council. Room 208, Flowers Building.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.

- 6:00 p.m. Concilium. Men's Graduate Center. Speakers: Professors Kenneth W. Clark and Ray C. Petry.
- 8:00 p.m. Pre-Med. Society Meeting. Hospital Amphitheater.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.
- 8:15 p.m. Nereidian Show: "Alice in Wonderland." Woman's College Gymnasium Pool.
- 8:30 p.m. Student Union Coffee Hour. Flowers Lounge.

Friday, March 11

ANGIER B. DUKE WEEKEND.

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Guy Ranson.
- 2:00 p.m. English Graduate Club Seminar. Room 208, Flowers Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 8:00-10:00 p.m. Co-Ree Activities. Woman's College Gymnasium.
- 8:15 p.m. Student Union sponsors "Dear Liar" with Katharine Cornell and Brian Aherne. Page Auditorium.

Saturday, March 12

ANGIER B. DUKE WEEKEND.

- 9:30 a.m. English Graduate Club Seminar. Room 208, Flowers Building.
- 2:15 p.m. Duke Symphony Orchestra. Pops Concert. Page Auditorium.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Rashomon." The outstanding Japanese film that was the Grand Prize Winner, Venice International Film Festival. Academy Award Wiuner. "Best Foreign Film." "A rare piece of film art." N.Y. Times. A Duke Film Society Selection.
- 8:15 p.m. Nereidian Show: "Alice in Wonderland." Woman's College Gymnasium Pool.

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, March 6th,

9:45 a.m. Sunday School, all local churches.

6:15 p.m. Traiuing Union, all local churches.

Weduesday, March 9th,

6:30 p.m. Chaplain Howard C. Wilkinson, Speaker, East Duke Chapel.

Episcopal Student Fellowship:

Sunday, March 6th,

9:30 a.m. Holy Communion. Coffee Hour after worship. Episcopal Student Center.

6:30 p.m. Evening Prayer. Speaker: Dr. Donald F. Roy. Subject: "Henderson Cotton Mill Strike." Episcopal Student Center.

Tuesday, March 8th,

7:10 a.m. Holy Communion. Episcopal Student Ceuter.

Thursday, March 10th,

8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Association:

Sunday, March 6th,

9:45 a.m. Sunday School. All Local Churches.

6:30 p.m. L. S. A. 208 Flowers Building. Pastor Ken Hewitt, Christ Lutheran Church.

8:00 p.m. Lenten Service. Saint Paul's Church.

Wednesday, March 9th,

7:15 a.m. Holy Communion. Duke Memorial Chapel. Rides at East Campus Circle at 7:00 a.m.

7:30 p.m. Lenten Service. Christ Church.

8:00 p.m. Lenten Service. St. Paul's Church.

Methodist Student Fellowship:

Sunday, March 6th,

9:30 a.m. Classes. Methodist Student Center.

6:30 p.m. Worship. Preacher: Joe Mitchell.

Wednesday, March 9th,

6:00 p.m. Holy Communion. Methodist Student Center.

Presbyterian Bible Class:

Sunday, March 6th,

8:50 a.m. Meet on the Chapel steps on West and at the East Campus Circle to visit North Carolina College Sunday School and the Covenant Presbyterian Church.

Westminster Fellowship:

Sunday, March 6th,

5:00 p.m. Meet on the Chapel steps on West Campus or the East Campus Circle for rides to visit the Presbyterian Student Center for supper and evening program.

Weduesday, March 9th,

7:15 a.m. Holy Communion. East Duke Chapel.

5:15 p.m. Westminster Fellowship Supper Club. East Campus Union.

CATHERINE CROZIER GUEST ORGANIST

Catherine Crozier, distinguished organ recitalist, will be presented in concert in the University Chapel on Sunday, March 6th at 4:00 p.m.

Assistant Professor of Organ at Rollins, Miss Crozier was graduated from Eastman School of Music with a B.M. degree and received a Performer's Certificate in 1936. She earned an Artists' Diploma from Eastman School in 1938 and the M.M. degree in Music Literature in 1941.

Miss Crozier, who is currently organist of the Knowles Memorial Chapel at Rollins College, Winter Park, Florida, will appear at Duke as a part of a ten-month tour which will include ten states.

The artist, performing in the United States, Canada, and Europe, has been widely praised by organ critics. Attesting to her mass popularity, 7,000 persons crowded into the new auditorium of the Reorganized Church of Jesus Christ of Latter Day Saints in Independence, Missouri to hear her play a dedicatory recital in December.

The program follows:

Johann Sebastian Bach (1685-1750)

Passacaglia and Fugue in C Minor

J. S. Bach Organ Chorales

Come, Redeemer of Our Race

In Sweetest Praise

Cesar Franck (1822-1890)

Choral in B Minor

Jehan Alain (1911-1940)

Deuxième Fantaisie

Marcel Dupré (1886-)

Variations on a Noel

Moderato

Larghetto

Poco animato

Cantabile (Canon at the octave)

Vif

Vivace

Plus modéré (Canon at the fourth and fifth)

Vivace

Cantabile (Canon at the second)

Animé

Fugato—Presto

DR. BURKHART LECTURE

The Reverend Dr. Roy A. Burkhart, Minister Emeritus, First Community Church, Columbus, Ohio, will speak at the Woman's College Auditorium at 8:15 p.m. on Sunday, March 6th, on "The Changing Roles of Men and Women in the 20th Century." This will be under the sponsorship of the Special Observances Committee of the University Religious Council.

FESTIVAL OF SACRED MUSIC

Choirs of nine Durham churches, forming a mixed adult chorus of 200 voices, will present a Festival of Sacred Music on Sunday, March 6th, at 4:00 p.m., in the Durham High School Auditorium. Admission is free, and all members of the Duke Community are cordially invited. The concert will be conducted by Mr. Gerhard Schroth, conductor of the Lutheran Choir of Chicago, and active nationally as an organist, lecturer, and choral music editor. The music, which has been in a rehearsal stage for several months, will be done with orchestra.

The program follows:

I	
Christ Lay in Death's Dark Prison	Bach
II	
Salvation Is Created	Tschesnokoff
I Will Sing to the Lord	Peter
Blessed Are They That Fear the Lord	Sowerby
Turn Back, O Man	Holst
III	
O Make Our Hearts to Blossom	Clokey
Drawn to the Cross	Schrott
Two Spirituals	Martin
Alleluia	Thompson

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, March 7th, at 4:15 p.m. in Room 113, Biology Building. Dr. Franklin McLean, Department of Physiology, University of Chicago, will speak on, "Calcium Metabolism and Medullary Bone Formation in Birds Under the Influence of Estrogens." Coffee will be served in Room 113 at 3:50 p.m., preceding the seminar.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Fritz Hofmann, for the Ph.D. degree in Physics will be held on Monday, March 7th, at 2:30 p.m. in Room 218, Physics Building. The subject of Mr. Hofmann's dissertation will be "The Determination of Optical Cross Sections for Resonance Lines of Atoms in Flames Under Conditions of Partial Thermal Ionization." The committee to conduct the examination will consist of Professors Hertha Sponer, Eugene Greuling, H. W. Lewis, Walter M. Nielsen, and J. H. Roberts. Professor Sponer will preside.

NAVAL RESERVE RESEARCH MEETING

Naval Reserve Research Company 6-6 will meet at 6:00 p.m. Monday, March 7th, in Room 135, Physics Building. The speaker will be Dr. Ernest Chick of the VA Hospital, reporting on "Staph Infections." All Naval Reserve officers of the University Community, both staff and students, are invited to attend. Allen Building, of Card 613 by noon, March 3rd.

TRINITY COLLEGE HISTORICAL SOCIETY

William E. Scott, Assistant Professor of History at Duke University, will speak to the Trinity College Historical Society Monday, March 7th, on "The Franco-Soviet Pact of 1935: The Pact that Hitler Made." All members and friends of the Society who plan to attend this dinner meeting, which will begin at 6:00 p.m. in the Dining Room of the Men's Graduate Center, should inform the president of the Society either at the History Department Office in Allen Building, or Card 613 by noon, March 3rd.

ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m., Monday, March 7th, in the Green Room, East Duke Building. The speaker will be Professor John H. Fisher of the English Department, who will discuss "Chaucer and Gower: Biographical and Literary Relations." A cordial welcome is extended to all guests.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Carlos T. Flick, for the Ph.D. degree in History will be held on Tuesday, March 8th, at 3:30 p.m. in Room 312, Allen Building. The subject of Mr. Flick's dissertation will be "The Early Political Career of Lord John Russell." The committee to conduct the examination will consist of Professors W. B. Hamilton, H. T. Parker, Theodore Ropp, R. H. Woody, and Allan Sindler. Professor Hamilton will preside.

CAMPUS CLUB COFFEE

The Campus Club Coffee will be held on Wednesday morning, March 9th, in the University House during the hours of ten and twelve. Special attention is called to the announcement of only one showing of the fashion show at 10:45 a.m. The show, "Fashions of Times Past and Present" will be chairwomaned by Mrs. Bernard Bressler.

The hostess departments will include Air Science, History, Mathematics, and Physical Education (West Campus) with Mrs. Robert F. Durden as chairman.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, March 9th, at 4:15 p.m. in Room 113, Biology Building, West Campus. Mr. Norman Edward Kowal, Department of Botany, will speak on "The Mature Upland Forests of Maine." Tea will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics Colloquium will meet Wednesday, March 9th, at 8:00 p.m. in Room 113, Physics Building, Duke University.

The speaker will be Dr. C. Dilworth-Oechialini of the University of Milano. The topic will be "K Interactions in Nuclear Emulsions."

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet on Thursday March 10th at 4:00 p.m. in Room 208, Flowers Building.

CONCILIUM MEETING

The Graduate Department of Religion's Concilium will meet at 6:00 p.m., on Thursday, March 10th, at the Men's Graduate Center. Speakers will be Professors Kenneth W. Clark and Ray C. Petry.

GEORGE BERNARD SHAW'S "DEAR LIAR" PRESENTED

The Major Attractions Committee of the Student Union will sponsor Katharine Cornell and Brian Aherne in the presentation by Guthrie McClintic, in association with Sol Hurok, of Jerome Kilty's "Dear Liar," on Friday evening, March 11th, at 8:15 p.m. in Page Auditorium.

Scheduled to open on Broadway less than a week after the Duke performance, the show has "produced the liveliest and most amusing dialogue" of the season. One leading critic called it "wholly fascinating, brilliantly witty, deeply revealing, and, in the end, quite, quite, moving."

All seats are reserved. Prices are \$3.00, \$2.50, and \$2.00, and tickets will be sold from 2:00 to 5:00 p.m., March 7th-10th in Page Auditorium Box Office. Tickets will be on sale the day of the production from 2:00 p.m. until showtime. Reservations can be made by calling 9011 (extension 2911) during box office hours.

ANGIER B. DUKE FINALISTS MEETING

Rescheduled because of the heavy snow the Thirteenth Annual Finalists Meeting for the Angier B. Duke Memorial Scholarships available to students from North and South Carolina is being held on the campus on Friday and Saturday, March 11th and 12th. Contestants for the Scholarships from the Virginia, Maryland, and the District of Columbia Regions, will also be in attendance for this week-end.

The contestants will take part in a program of tests and interviews to determine the Scholarship winners. In addition to the program of selection, the contestants and their Duke student sponsors will be entertained at a luncheon and a dinner given in their honor.

The program is as follows:

Friday, March 4th,

- 12:15 p.m. Contestants Luncheon. Private Dining Room, 2nd floor, Union Building, East Campus.
2:00-5:00 p.m. Tests. Lecture Room 114, Physics Building, West Campus.
6:00 p.m. Contestants Dinner. Union Ballroom, West Campus.
8:15 p.m. "Dear Liar." Page Auditorium.
9:30 p.m. Reception for the Contestants and their sponsors. Flowers Lounge.

Saturday, March 5th,

- 8:30 a.m. Interviews. Finalists report to Green Room, East Duke Building.
10:30 a.m.-12:15 p.m. Student Union Open House and Concert by Combo from the Duke Ambassadors. Room 208, Flowers Building.
12:30 p.m. Luncheon. Union Ballroom.
2:00 p.m. Duke Symphony Orchestra Pops Concert. Page Auditorium.

ENGLISH GRADUATE CLUB SEMINAR

The English Graduate Club will hold a Seminar on Friday, March 11th and Saturday, March 12th. The program follows:

Friday, March 11th,

208 Flowers Building

Presiding: Calvin L. Skaggs

- 2:00 p.m. Charles A. Fenton, "The Lost Years of Twentieth Century American Literature."
3:00 p.m. Grover Smith, "A Turn of the Screw." Eliot's "The Elder Statesman."
3:45 p.m. Eugene M. Waith, of Yale University, "Eugene O'Neill—'An Exercise in Unmasking.'"

Music Room, East Duke Building

Presiding: William Van Hettinga and Richard Quaintance

8:15 p.m. A reading of Clifford Odets's *Rocket to the Moon* and T. S. Eliot's "Sweeney Agonistes."

10:15 p.m. Reception.

Saturday, March 12th,

Presiding: Clarence Gohdes

9:30 a.m. J. A. Bryant, Jr., "Clifford Odets and the Need for Theater."

10:30 a.m. Jacob H. Adler, of the University of Kentucky. "Culture versus Power: the South of Tennessee Williams and Lillian Hellman."

11:30 a.m. Paul Green, playwright of Chapel Hill.

SYMPHONIC POPS

The Duke Symphony Orchestra, with Allan H. Bone conducting, presents an afternoon of Fun and Music honoring the Angier B. Duke scholarship finalists on Saturday afternoon, March 12th at 2:00 p.m. in Page Auditorium. The University Community is cordially invited to attend with their families. Admission at the door: Throw a quarter on the drum as you enter.

The program follows:

Fanfare for Fourteen Players	Burrill Phillips
To our Angier B. Duke Guests	Gliere
Russian Sailor's Dance	
Introduction and Fugue	
Adagio	
Thomas Harrell, Flutist '63	
Finale	
Intermezzi: From Quartet (1959)	William Klenz
Tango e Pasodoble	
"Lonesome Music"	
Julia Mueller, violinist	William Klenz, 'cellist
Allan Bone, clarinetist	Alice Wilkinson, pianist
In the Still of the Night	Cole Porter
"My Fair Lady" selections	Arr. Spialek
Beth Lee Diaz, Soprano	Frederick Lowe
John Hanks, Tenor	Trans. R. R. Bennett
Im Balladenten for String Orchestra	Grieg-Maddy
Rosamunde Overture	Schubert

DUKE HOSPITAL FEATURED LOCAL TV SERIES

Duke Hospital is being featured in a series of television interviews on the Peggy Mann Show, Station

WTVD, Durham, each Wednesday at 1:00 p.m. The series is designed to take viewers behind the scenes in the day-to-day operation of Duke Hospital via interviews with hospital officials and doctors.

Topics scheduled are: March 9th, "Physical Therapy"; March 16th, "Premature Nursery"; March 23rd, "Operating Room and Anesthesia"; March 30, "The Doctor and the Hospital"; April 6th, "Financial Aspects."

PROGRAM CHANGES

From March 12th, to March 18th at 8:15 p.m.

Senior Piano Recital. Asbury Building.

From March 8th, to April 9th, at 6:30 p.m.

Intercampus Bridge Tournament. The Ark.

ADVANCE NOTICE LITERARY ARTS CELEBRATION

The second annual Literary Arts Celebration, sponsored by the Department of English and the Archive, undergraduate journal, has been scheduled as follows:

Wednesday, April 6th, at 3:00 p.m.: Discussion of student poetry in the Archive, Celebration Number, by Richard Wilbur (*Things of this World*), translator, editor, critic, and poet.

8:15 p.m.: A reading from his poems, Mr. Wilbur. Thursday, April 7th, at 12:30 p.m.: English Department luncheon in honor of visiting critics, Old Trinity Room.

3:00 p.m.: A reading from work-in-progress by Peter Taylor (*Happy Families Are All Alike*), dramatist, novelist, short story writer.

8:15 p.m.: Discussion of student short stories in the Archive, Celebration Number, by Helen Bevington (*A Change of Sky and Other Poems*) Chairman, Peter Taylor, and Mac Hyman, '47 (*No Time for Sergeants*).

All literary discussion meetings will take place in the Music Room, East Duke Building, Woman's College. The public is cordially invited to attend.

WEEK OF
March 13-19, 1960

WEEK OF
March 13-19, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, March 13

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "Christianity and Sex." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Student Union Intermezzo: Harrison Register Jazz Quartet. Brown House.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, March 14

2:00 p.m. The final examination of Mr. Lloyd Gilbert Carroll for the Ed.D. degree in Education, in Room 08-A, West Duke Building.

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Eugenie Clark.

4:30-5:30 p.m. Student Union Travel Seminar. Room 201, Flowers Building. Subject: Scandinavia. Speaker: Mr. George C. Schoolfield.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

6:00 p.m. Naval Reserve Research Meeting. Room 135, Physics Building. Speaker: Dr. Charles D. Spielberger.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

8:00 p.m. Duke Nursery School Parents Meeting. Room 109, Bivins Building. Speaker: Mr. W. K. Stars.

8:15 p.m. Bach Sonata Concert. Asbury Auditorium. Messers Klenz and Simon.

Tuesday, March 15

10:10 a.m. Divinity School Morning Chapel. York Chapel. The Rev. R. L. Speaks, Pastor, St. Marks A. M. E. Zion Church.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.

7:30 p.m. Student Union Art Program. "Mobilux." William Herrschaft. Woman's College Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Wednesday, March 16

- 10:10 a.m. Divinity School Morning Chapel. York Chapel.
- 4:15 p.m. Golf Clinic. Hanes Field. Miss Marilyn Smith.
- 4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Dr. Jack R. Mauuey.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. Benefit performance for the W. S. G. A. Foreign Student Fund. Admission: \$.50. "Indiscreet" with Cary Grant, Ingrid Bergman, and Cecil Parker. In technicolor.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 113, Physics Building. Speaker: Dr. E. C. G. Sudarshan.
- 8:00-9:00 p.m. Introductory Course. I.B.M. 650 Programming. Room 113, Physics Building.

Thursday, March 17

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. Rodney Brown.
- 1:00 p.m. Lenten Noonday Meditation. University Chapel. Reverend Thomas A. Langford.
- 3:00-5:00 p.m. Newcomers Club Tea. Hostess: Mrs. C. R. Stephens, 1608 University Drive.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 8:00 p.m. Pre-Med Society Meeting. Hospital Amphitheater. Speaker: Dr. John T. Eagen. Topic: "Cardiology."
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.
- 8:30 p.m. Graduate English Club Meeting. Room 208, Flowers Building. Speaker: Professor Kemp Malone.

Friday, March 18

- 10:10 a.m. Holy Communion. Divinity School Morning Chapel. York Chapel. The Rev. Wilson Nesbitt.
- 2:00-10:00 p.m. 28th Annual Engineers Show. Engineering Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 7:30 p.m. Faculty Club. Hospital Amphitheater. Program: "Medical Research at Duke University."
- 7:30-10:00 p.m. W.R.A. Athletic Association: Co-Rec Carnival. Indoor Stadium. No change.
- 8:15 p.m. Senior Piano Recital: Neill Andrews. Asbury Auditorium.
- 8:15 p.m. Duke Players present "Death of a Salesman." Page Auditorium.

Saturday, March 19

- 2:00 p.m. Duke Players present "Death of a Salesman." Page Auditorium.
- 2:00-10:00 p.m. 28th Annual Engineers Show. Engineering Building.
- 8:15 p.m. Duke Players present "Death of a Salesman." Page Auditorium. (Quadrangle Pictures will be closed for this performance.)
- 8:15 p.m. Chamber Arts Society: Fine Arts Quartet. Music Room, East Duke Building.

ORDER OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday morning, March 13th, in the University Chapel. His subject will be "Christianity and Sex."

DENOMINATIONAL MEETINGS

Baptist Student Union:

- Sunday, March 16th,
5:15 p.m. Dinner Meeting. Speaker: Rev. William C. Smith. East Campus Union.

Episcopal Student Fellowship:

- Sunday, March 13th,
9:30 a.m. Holy Communion. Coffee Hour after worship. Episcopal Student Center.
6:30 p.m. Evening Prayer. Speaker: Dr. Thomas Langford. Subject: "Henderson Cotton Mill Strike." Episcopal Student Center.

Tuesday, March 15th,

- 7:10 a.m. Holy Communion. Episcopal Student Center.
Thursday, March 17th,
8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Association:

- Sunday, March 13th,
9:45 a.m. Sunday School. All Local Churches.
6:30 p.m. L. S. A. 208 Flowers Building. Professor Egil Grislis, Duke Divinity School.
7:30 p.m. Lenten Service. St. Paul's Church.
Wednesday, March 16th,
7:15 a.m. Holy Communion. Memorial Chapel. Rides at East Campus Circle at 7:00 a.m.
7:30 p.m. Lenten Service. St. Paul's Church.
8:00 p.m. Lenten Service. Christ Church.

Society of Friends:

- Sunday, March 13th,
7:30 p.m. Mr. John Wheeler, President of Mechanics and Farmers Bank will speak on his recent trip to South Africa.

Westminster Fellowship:

- Wednesday, March 16th,
5:15 p.m. Supper Club, East Campus Union.

Unitarian Fellowship:

- Sunday, March 13th,
7:30 p.m. Speaker: Cyrus Kapadia. Subject: "The Zoroastrian Faith." Room 201, Flowers Building.

DUKE RUSSIAN CHORUS RADIO CONCERT

A 10-member Russian Chorus from Duke University will give a special concert on Radio Station WDNC Saturday afternoon March 12th. Featuring popular, folk, gypsy romances and historical songs.

the concert is scheduled to begin at 1:05 p.m. and will last for 25 minutes. Each member of the choral group is studying Russian at Duke and has learned the songs as a part of the course of study.

The chorus under the direction of Simon Krynski include Bill Baylis, Anna Pellegrini, Bob Grenall, Ann Hoebauer, Neal Huffaker, Steve Humphrey, Mrs. Deirdre Pearce, Qnenby Sameth, Dawn Stuart, and Bobbye Kay Whitenton.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Lloyd Gilbert Carroll for the Ed.D. degree in Education will be held on Monday, March 14, 1960 at 2:00 p.m. in Room 08-A, West Duke Building. The subject of Mr. Carroll's dissertation will be "The Status of Married Students in the North Carolina Public High Schools." The Committee to conduct the examination will consist of Professors E. C. Bolmeier, William H. Cartwright, Olan L. Petty, Allan S. Hurlburt, and Donald F. Roy. Professor Bolmeier will preside.

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, March 14th, in Room 113, Biology Building at 4:15 p.m. Dr. Engenie Clark, Cape Haze Marine Laboratory, Placida, Florida, will speak on, "Sharks as Experimental Animals." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

NAVAL RESERVE RESEARCH MEETING

Naval Reserve Research Company 6-6 will meet at 6:00 p.m., Monday, March 14th, in Room 135, Physics Building. The speaker will be Dr. Charles D. Spielberg of the Psychology Department, reporting on "Learning Without Awareness." All Naval Reserve Officers of the University Community, both staff and students, are invited to attend.

DUKE NURSERY SCHOOL PARENTS MEETING

On March 14th, at 8:00 p.m., Mr. W. K. Stars will discuss "Art for the Pre-School Child," at the Duke University Nursery School Parents Meeting. Any person who is interested is cordially invited. The meeting will take place in 109 Bivins Building.

BACH SONATA CONCERT

The Department of Aesthetics, Art and Music will present the first of two concerts of works by J. S. Bach on Monday, March 14th, in Asbury Auditorium at 8:15 p.m. William Klenz, cellist, and Geoffrey Simon, pianist, will perform three sonatas for viola da gamba and harpsichord. Mr. Klenz is a faculty member of the Department of Aesthetics, Art and Music and Mr. Simon is a member of the Class of '60. The public is cordially invited to attend.

STUDENT UNION PRESENTS "MOBILUX"

The Student Union's Music and Arts Committee will present William Herrschaft in a program of Mobilux Color Music Compositions at 7:30 p.m. on Tuesday, March 15th, in the Woman's College Audi-

torium. This performance is open to the public without charge.

Mobilux, sometimes called Color Music or the Art of Mobile Light is a new art and provides an unusual esthetic experience. A medium of controlled light and color is projected on a translucent screen by a performer who plays on the Mobilux from a prepared score. The compositions range from the abstract to the realistic—each built around a definite titled theme, using music to set the mood. The themes include pastoral, concepts of space, the city nature pictures in abstract, under the sea, etc. No film or colored slides are used but a number of three dimensional light modulators or minute sculptures in motion.

GOLF CLINIC

Miss Marilyn Smith, president of the Ladies' Professional Golf Association, will hold a Golf Clinic on Hanes Field, East Campus, Wednesday, March 16th, at 4:15 p.m. In case of rain, the Clinic will be held in the Woman's Gymnasium. The Clinic is open to the public.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, March 16th, at 4:15 p.m. in Room 113, Biology Building, West Campus. Dr. Jack R. Mauney, Plant Physiologist, U. S. Department of Agriculture, Field Crops Research Branch, North Carolina State College, Raleigh, North Carolina, will speak on "The Physiology of Reproduction in Cotton."

Since completing his work for the Ph.D. under Dr. Folke Skoog at the University of Wisconsin, Dr. Mauney has been studying factors involved in floral initiation, flower production, and embryo survival in cotton. His work is closely allied with that of others at State College who are concerned with genetic aspects of the same problems.

Tea will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet on Wednesday, March 16th, at 8:00 p.m., in Room 113 of the Physics Building, Duke University. The speaker will be Dr. E. C. G. Sudarshan of Harvard University who will speak on "The Theory of Hyperfragments."

NEWCOMERS CLUB TEA

The Duke Newcomers Club will meet on Thursday, March 17th, from 3:00 until 5:00 p.m., at the residence of the hostess, Mrs. C. R. Stephens, 1608 University Drive.

GRADUATE ENGLISH CLUB MEETING

Professor Kemp Malone of the Johns Hopkins University will speak on "Old English Poetry," at a meeting sponsored by the Graduate English Club and the English Department on Thursday, March 17th, at 8:30 p.m. in Room 208, Flowers Building.

ENGINEERS' SHOW

The students of the College of Engineering present the 28th Annual Engineers' Show, "Engineering in Action—1960," on Friday and Saturday, March 18th and 19th, from 2:00-10:00 p.m. in the Engineering Building. Everyone is cordially invited and urged

to attend. Several hundred individual displays and demonstrations are to be featured, portraying the various aspects of engineering and how they affect our daily lives.

FACULTY CLUB MEETING

The fourth meeting of the Faculty Club will be held on Friday evening, March 18th, at 7:30 p.m. in the Hospital Amphitheater. The subject to be presented at this time will be "Medical Research at Duke University." After a brief orienting discussion in the Hospital Amphitheater, members are invited to attend an Open House and tour of the Bell Medical Research Building and its scientific facilities where much of the medical research is being done.

SENIOR PIANO RECITAL

The Department of Aesthetics, Art and Music will present Neill Andrews, pianist, in a senior recital on Friday, March 18th at 8:15 p.m. in the Recital Hall, Asbury Building. Mr. Andrews is a student of Loren Withers of the Department of Aesthetics, Art and Music. His program will include works by Searlatti, Beethoven, Brahms, and Moussorgsky. The public is cordially invited to attend.

DUKE PLAYERS PRESENT "DEATH OF A SALESMAN"

Duke Players will present *Death of a Salesman*, by Arthur Miller, in Page Auditorium Friday and Saturday evenings, March 18th and 19th, at 8:15 p.m. There will also be a matinee on Saturday, March 19th, at 2:00 p.m. Admission is \$1.00 or by season ticket. Box Office in Page will be open each afternoon from 2:00 to 5:00 p.m. for reservations, and on performance days from 2:00 p.m. until curtain time.

Death of a Salesman is one of the most provocative plays of our time. It won the Critics' Circle Award, the Pulitzer Prize, and the Antoinette Perry Award. One reason why audiences have found such appeal in this play may be found in a statement by W. Howard Fuller, president of the Fuller Brush Company: "Nearly everyone who sees it can discover some quality displayed by Willy and his sons that exists in himself and his friends and relatives. It is this close identity between the audience and the characters that lends such poignancy to the tragedy."

CHAMBER ARTS SOCIETY CONCERT

In place of the previously scheduled Hollywood Quartet the Fine Arts Quartet will play a concert of chamber music under the auspices of the Chamber Arts Society, Saturday evening, March 19th, at 8:15 p.m. in the Music Room, East Duke Building. Members of the Quartet are Leonard Sorkin and Abram Loft, violins, Irving Ilmer, viola, and George Sopkin, violoncello. The program follows:

Ernest Bloch: Third String Quartet (1952)

Haydn: Quartet in D minor, Opus 76, No. 2 ("Quinten")

Brahms: Quartet in C minor, Opus 51, No. 1

Admission: By Chamber Arts Society Membership Card, or by Guest Card. About sixty Guest Cards, priced at \$2.00 for students and \$2.50 for others, will be available at the door at 7:45 p.m. on the night of the concert.

The fifth and final concert of the current season will be given Friday, April 8th, by the Camera Concerti, a group of fifteen musicians, with Joseph Eger as Musical Director and Conductor. The featured soloists are Joseph Eger, French horn, and Walter Trampler, viola. For further information address, Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, North Carolina.

ADVANCE NOTICE LITERARY ARTS CELEBRATION

The second annual Literary Arts Celebration, sponsored by the Department of English and the *Archive*, undergraduate journal, has been scheduled as follows: Wednesday, April 6th, at 3:00 p.m.: Discussion of student poetry in the *Archive*, Celebration Number, by Richard Wilbur (Things of this World), translator, editor, critic, and poet.

8:15 p.m.: A reading from his poems, Mr. Wilbur.

Thursday, April 7th, at 12:30 p.m.: English Department luncheon in honor of visiting critics, Old Trinity Room.

3:00 p.m.: A reading from his forthcoming novel, "On a Lonesome Porch," by Ovid Williams Pierce, '32.

8:15 p.m.: Discussion of student short stories in the *Archive*, Celebration Number, by Helen Bevington (A Change of Sky and Other Poems) Chairman, Ovid W. Pierce, '32 and Mac Hyman, '47 (No Time for Sergeants).

All literary discussion meetings will take place in the Music Room, East Duke Building, Woman's College. The public is cordially invited to attend.

DUKE HOSPITAL FEATURED LOCAL TV SERIES

Duke Hospital is being featured in a series of television interviews on the Peggy Mann Show, Station WTVD, Durham, each Wednesday at 1:00 p.m. The series is designed to take viewers behind the scenes in the day-to-day operation of Duke Hospital via interviews with hospital officials and doctors.

Topics scheduled are: March 16th, "Premature Nursery"; March 23rd, "Operating Room and Anesthesia"; March 30, "The Doctor and the Hospital"; April 6th, "Financial Aspects."

ADVANCE NOTICE DELAISSE LECTURE

The Department of Aesthetics, Art, and Music will present in public lecture, L. M. J. Delaisse, of the Division of Manuscripts, the Royal Library, Brussels, Belgium, on Tuesday, March 22nd, at 8:15 p.m. in Asbury Auditorium. Professor Delaisse will speak on "Flemish Illuminated Manuscripts at the Time of Philip the Good."

Dr. Delaisse is currently at the Institute for Advanced Study, Princeton, New Jersey. He has lectured at the Morgan Library, New York; the Newberry Library, Chicago; the Detroit Museum; the University of California at Berkeley; Princeton University; the University of Colorado; and Columbia University (for the Mediaeval Society of America) and is presenting seminars at Harvard University and at Oberlin College this year. In addition to articles and reviews in *Scriptorium*, the international Journal of Manuscript studies he has published *Le manuscrit autographe de Thomas à Kempis et l'imitation de Jésu-Christ*, and many other distinguished works.

WEEK OF
March 20-26, 1960

CALENDAR

WEEK OF
March 20-26, 1960

OF

DUKE UNIVERSITY



Events of the Week

Sunday, March 20

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Waldo Beach, Professor of Christian Ethics, Duke Divinity School. Sermon: "Campus Crosses." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Senior Organ Recital: Martin Nash. University Chapel.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, March 21

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. D. S. Grosch.

4:30-5:30 p.m. Student Union Travel Seminar. Room 208, Flowers Building. Speaker: Mr. James Cars, Executive, Y.M.C.A. of U.N.C. Topic: "What Europeans Dislike Most in American Tourists."

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:00 p.m. Faculty-Staff Bowling. Bowling Alleys in the Ark, East Campus.

8:00 p.m. Sigma Xi Meeting. Room 116, Chemistry Building. Speaker: Dr. S. Warren Carey.

8:15 p.m. Bach Sonata Concert. Asbury Auditorium. Messers Klenz and Simon.

Tuesday, March 22

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. William H. Poteat.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

8:15 p.m. Manuscript Lecture by Dr. Delaissé. Asbury Auditorium. Speaker: Dr. Leon Delaissé.

8:15 p.m. Y.M.C.A. Carnegie Lecture. Union Ballroom. Speaker: Mr. John Cooper.

Wednesday, March 23

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. William H. Poteat.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Dr. T. L. Quay.
- 4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Philip Kubzansky.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "Stalag 17" with William Holden (in his Academy Award winning role), Don Taylor, Otto Preminger, and Robert Strauss. One of the best comedy-dramas to come out of World War II.

Thursday, March 24

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Bishop Odd Hagen, Bishop of Northern Europe.
- 1:00 p.m. Lenten Noonday Meditation. University Chapel. Reverend Thomas A. Langford.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Pre-Med Society Meeting. Hospital Amphitheater.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, March 25

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. William H. Poteat.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Film: "Wire Tapper." Auditorium of Science Building, East Campus. Sponsor: Duke Christian Fellowship. No charge for admission.

Saturday, March 26

- 12:30 p.m. Spring Recess begins. Classes will reconvene on Monday, April 4th.
- Note: Quadrangle Pictures will be closed during the Spring Recess on the following evenings, March 26th, March 30th, and April 2nd.

ORDER OF WORSHIP

The Reverend Dr. Waldo Beach, Professor of Christian Ethics, Duke Divinity School, will deliver the sermon at the Sunday morning Service of Worship at 11:00 a.m. in the University Chapel. His subject will be "Campus Crosses." The order of service follows:

The Reverend Howard C. Wilkinson
Chaplain to the University
Presiding Minister

Prelude: "O Man, Bewail Thy Grievous Fall"

- Call to Worship: "The Lord Is in His Holy Temple" *Harrington*
- Hymn: "All Hail the Power of Jesus' Name" *Oliver Holden*
- Prayer of Confession
- Words of Assurance
- The Lord's Prayer
- Anthem: "Freely the Lord Gave His Loving Kindness" *Fux*
- Scripture: Matthew 10: 16-22, 34-37
- Hymn: "The Man Who Once Has Found Abode" *Thomas Tallis*
- Call to Prayer
- The Pastoral Prayer
- The Offering
- Offertory Organ Interlude
- Anthem: "Here on Earth Have We No Continuing Place" from "Requiem" *Brahms*
- Response: The Doxology
- Prayer of Dedication
- Sermon: "Campus Crosses"
- Prayer
- Benediction
- Chorale Response: "Sevenfold Amen" *Stainer*
- The Chimes
- Postlude: Fugue in D Minor *Pachelbel*

DENOMINATIONAL MEETINGS

Baptist Student Union:

- Sunday, March 20th,
9:45 a.m. Sunday School. All local Baptist Churches.
6:15 p.m. Training Union. Local Baptist Churches.

Episcopal Student Fellowship:

- Sunday, March 20th,
9:30 a.m. Holy Communion. Episcopal Student Center.
6:30 p.m. Evening Prayer. Episcopal Student Center.

- Tuesday, March 22nd,
7:10 a.m. Holy Communion. Episepal Student Center.

- Thursday, March 24th,
8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Association:

- Sunday, March 20th,
9:45 a.m. Suiday School. Local Churches.
6:30 p.m. Holy Communion. East Duke Chapel. Rides from West Campus at 6:15 p.m.

- Wednesday, March 23rd,
7:15 a.m. Holy Communion. Memorial Chapel. Rides from East Campus at 7:00 a.m.
7:30 p.m. Lenten Service. St. Paul's Church.
8:00 p.m. Lenten Service. Christ Church.

Society of Friends:

- Sunday, March 20th,
7:30 p.m. "Three, Two, One, Zero," a film. Friends Meeting House.

Unitarian Fellowship:

- Sunday, March 20th,
7:30 p.m. "Psychiatry and Religion." At the home of Dr. Hans Lowenbach on Old Apex Road.

Westminster Fellowship:

- Sunday, March 20th,
9:30 a.m. Bible Class. 201 Flowers.
6:15 p.m. "The New Puritans." Professor Waldo Beach, speaker. The Ark, East Campus.

- Wednesday, March 23rd,
5:15 p.m. Westminster Supper Club. East Campus Union.

PUBLIC PHILOSOPHY LECTURE

A public Philosophy Lecture will be given by Professor John Wild of Harvard University, on Sunday, March 27th, at 8:00 p.m. in Memorial Hall, U.N.C. Campus, Chapel Hill. His topic will be "Concepts of Man."

LIBRARY SCHEDULE—SPRING VACATION

The General Library will operate according to the following schedule during the spring vacation period, March 26th through April 3rd.

Saturday, March 26th	8:00 a.m.-5:00 p.m.
Sunday, March 27th	Closed
Monday, March 28th through	9:00 a.m.-5:00 p.m.
Friday, April 1st	9:00 a.m.-1:00 p.m.
Saturday, April 2nd	Closed
Sunday, April 3rd	Closed
Monday, April 4th	Resume regular schedule

Woman's College Library will operate according to the above schedule except that on Monday, March 28th, it will remain closed.

Any changes in the hours of opening of other school, college, or departmental libraries will be posted in those libraries.

DINING HALLS SCHEDULE

The Dining Halls on West Campus will be open through Saturday noon, March 26th, except for the Grill which will be closed after lunch on Friday, March 25th. The Dining Halls will then reopen Sunday noon, April 3, when Cafeterias A and D will open for both the noon and night meals. The Men's Graduate Center will remain open during the Spring Recess.

OPEN MEETING FOR ALL MILITARY RESERVES AND GUESTS

All Military Reservists, faculty members, and staff of the University are invited to attend an open meeting on Monday, March 28th, at 7:30 p.m. in the Conference Room, 2nd floor of the Office of Ordnance Research Building. The speaker for the evening, Colonel John D. Billingsley, Professor and Head of the Ordnance Department, U. S. Military Academy, West Point, New York, will address the group on "Education's Contribution to Military Superiority."

Colonel Billingsley, guest of the 3256th Research and Development Unit, will present his views on this timely subject. His distinguished career in major

combat command assignments as well as in key training positions in peace and war make him eminently qualified to speak on this topic. A question and answer period will follow the address.

ANNUAL ERASMUS CLUB PRIZE

The Erasmus Club, a group composed principally of Duke faculty members interested in the study of language, literature, and the arts, wishes to announce its annual contest for the Erasmus Club Prize, an award of \$25.00 which is listed among the commencement honors. The prize is given to the undergraduate student who submits the best original essay embodying the results of research, criticism, or evaluation, concerning some subject in the humanities. The essay may be the result of independent study, but generally the entries are term papers written in classes in English or the other modern languages, in classical languages, in fine arts, or philosophy. Suitable subjects may also be found in history, religion, political science, etc.

The essays, which should be typewritten, must be submitted by May 1st to John M. Fein (305 Gray) or to Joseph A. Bryant (504 Library).

LEONARD WEISGARD CHILDREN'S BOOK ILLUSTRATIONS SHOWN BY DUKE UNIVERSITY PRESS

A comprehensive showing of children's book illustrations by artist Leonard Weisgard is being offered by the Duke University Press in the lobby of East Duke Building, East Campus, through April 1st. The traveling exhibition was organized by the American Institute of Graphic Arts of which the Press is a member.

Mr. Weisgard has illustrated many favorite children's books, and his illustrations for *The Little Island* won for him the Caldecott Medal in 1947. He has been the author of many of his picture books. And he pictured many of the concepts, revolutionary in their day, of the noted children's book author, the late Margaret Wise Brown. Miss Brown and Mr. Weisgard were among the first to give children an actual participation in books, pursued through the original, *The Noisy Book* and its distinguished successive publications in this "design" pattern.

The American Institute of Graphic Arts has recognized many of his books by including them in The Fifty Books of the Year and in the series of Children's Book Shows held since 1941.

MARTIN NASH SENIOR ORGAN RECITAL

Mildred L. Hendrix of the Department of Aesthetics, Art, and Music, will present Martin Nash, '60, in his Senior Organ Recital on Sunday, March 20th, at 4:00 p.m. in the University Chapel. The public is issued a cordial invitation to attend.

The program includes:

Concerto No. 2 in B flat Major

George Frederiek Handel (1685-1759)

a Tempo ordinario e staccato

Allegro

Adagio

Allegro ma non presto

Toccata in F Major Johann Sebastian Bach (1685-1750)

Sonata II Paul Hindemith (1865-)

Lebhaft

Ruhig bewegt

Fuge Massig bewegt, heiter

Introduction and Passacaglia Max Reger (1873-1916)

ZOOLOGY DEPARTMENTAL SEMINAR

The Department of Zoology will hold its weekly seminar on Monday, March 21st, in Room 113, Biology Building at 4:15 p.m. Dr. D. S. Grosch, Department of Genetics, North Carolina State College, will speak on "Habrobracon, A Wily Wasp." Coffee will be served in Room 113. at 3:50 p.m. preceding the seminar.

SIGMA XI MEETING

The Duke Chapter of Sigma Xi will hold its March meeting on Monday, March 21st, at 8:00 p.m., in Room 116, Chemistry Building. Dr. S. Warren Carey will speak on "The Expanding Earth's Surface." Dr. Carey, University of Tasmania, is Visiting Professor of Structural Geology at Yale University. He is noted for his theories on the idea of an expanding surface of the Earth. The public is cordially invited to attend.

BACH SONATA CONCERT

The Department of Aesthetics, Art and Music will present the second in two concerts of works by J. S. Bach on Monday, March 21st, at 8:15 p.m. in Asbury Auditorium. William Klenz, cellist, and faculty member in the Department of Aesthetics, Art and Music will play three suites for solo violonecello. The public is cordially invited to attend.

MANUSCRIPT LECTURE BY DR. LEON DELAISSE

Dr. Leon Delaisse, curator of manuscripts in the Royal Library, Brussels, will speak on "Flemish Illuminated Manuscripts at the time of Philip the Good" at 8:15 p.m., on Tuesday evening, March 22nd, in Asbury Auditorium. The public is cordially invited to this illustrated lecture sponsored by the Department of Aesthetics, Art and Music.

Y.M.C.A. CARNegie LECTURE

The Human Relations Committee of the Y.M.C.A. will present in the Union Ballroom on Tuesday, March 22nd, at 8:15 p.m., Mr. John Cooper of the Dale Carnegie Institute in an address entitled, "Attitudes That Lead Toward Success." Mr. Cooper is the Vice-President of the Dale Carnegie Institute and personally supervises the Dale Carnegie Leadership Course which conducts classes in human relations, effective speaking, and leadership training in more than 1665 communities and in 15 foreign countries. His talk will be addressed to those interested in human relations. The public is cordially invited to attend.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, March 23rd, at 4:15 p.m. in Room 113, Biology Building, West Campus. Dr. T. L. Quay, Department of Zoology, North Carolina State College, Raleigh, will speak on "Vegetation and Waterfowl at Lake Mattamuskeet: A Study of Plant Communities, Water Control, Marsh Management, and the Selection of Plant Foods by Waterfowl."

The primary research interests of Professor Quay are in populations, habitat associations, niche relationships, food habits, and behavior of birds and other vertebrates, especially of the marsh and marine environments of coastal North Carolina. He recently completed a three-year survey of the vertebrate animal life of the new Cape Hatteras National Seashore Park.

Tea will be served at 4:00 p.m.

PSYCHOLOGY COLLOQUIUM

Dr. Philip E. Kubzansky, Psychiatry Service, Boston City Hospital, Boston, Massachusetts; will speak at the Psychology Colloquium on Wednesday, March 23rd, at 4:30 p.m., in Room 209, Bivins Building. His topic will be "Sensory Deprivation: A Review and Implications." Coffee will be served at 4:00 p.m.

UNIVERSITY SERVICES OF WORSHIP

The next two Sundays fall within the academic Spring Recess. Accordingly, the regular University Service of Worship will not be held on March 27th or on April 3rd. On both Sundays, however, a devotional service of prayers, Scripture readings, and organ music will be conducted from 11:00 until 11:30 a.m.

DUKE HOSPITAL FEATURED LOCAL TV SERIES

Duke Hospital is being featured in a series of television interviews on the Peggy Mann Show. Station WTVD, Durham, each Wednesday at 1:00 p.m. The series is designed to take viewers behind the scenes in the day-to-day operation of Duke Hospital via interviews with hospital officials and doctors.

Topics scheduled are: March 23rd, "Operating Room and Anesthesia"; March 30, "The Doctor and the Hospital"; April 6th, "Financial Aspects."

ADVANCE NOTICE LITERARY ARTS CELEBRATION

The second annual Literary Arts Celebration, sponsored by the Department of English and the *Archive*, undergraduate journal, has been scheduled as follows:

Wednesday, April 6th, at 3:00 p.m.: Discussion of student poetry in the *Archive*, Celebration Number, by Richard Wilbur (*Things of this World*), translator, editor, critic, and poet.

8:15 p.m.: A reading from his poems, Mr. Wilbur.

Thursday, April 7th, at 12:30 p.m.: English Department luncheon in honor of visiting critics, Old Trinity Room.

3:00 p.m.: A reading from his forthcoming novel, "On a Lonesome Porch," by Ovid Williams Pierce, '32.

8:15 p.m.: Discussion of student short stories in the *Archive*, Celebration Number, by Helen Bevington (*A Change of Sky and Other Poems*) Chairman, Ovid W. Pierce, '32, Lodwick Hartley and Mae Hyman, '47 (*No Time for Sergeants*).

All literary discussion meetings will take place in the Music Room, East Duke Building, Woman's College. The public is cordially invited to attend.

ADVANCE NOTICE

PHI BETA KAPPA ANNUAL LECTURE

The annual address by a visiting lecturer before the Phi Beta Kappa Society of Duke University will be given this year on Tuesday, April 5th, at 7:30 p.m. in the Union Ballroom, West Campus, following initiation ceremonies. The speaker will be Dr. Henry J. Cadbury, Hollis Professor of Divinity Emeritus of Harvard University. The subject will be "The Life

of a Scholar," and the address will be open to the public.

FRENCH EXAMINATION FOR GRADUATE DEGREE CANDIDATES

French examinations for candidates for graduate degrees will be held on Friday, April 15th, at 4:00 p.m., in Room 114, Physics Building. Candidates may register in the Graduate School Office for these examinations not later than April 8th.

1960-'61 ARTISTS' SERIES

The 1960-'61 Duke University Artists' Series will consist of the following attractions:

Marcel Marceau and Company Thursday, November 10th

World's Greatest Pantomimist

Vronsky and Babin, Duo-Pianists Tuesday, December 6th

The Detroit Symphony Orchestra Friday, February 17th

Paul Paray, Conducting

George London, Bass-Baritone Friday, March 10th

The National Ballet of Canada Thursday, April 13th

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building, by calling Extension 2911 or by writing Box KM, Duke Station.

CHANGES AND ADDITIONS

The French play, "Les Fourberies de Scapin" by Moliere, has been postponed until April 11th, 12th, and 13th, at 8:00 p.m. in the Music Room of East Duke Building.

Wednesday, April 13th

8:15 p.m. Parapsychology Department Lecture: Dr. Michael Seriven. Topic: "The Improbability of E.S.P." Engineering Auditorium.

Sunday, April 17th

4:00 p.m. Student Union Intermezzo: Carillon Recital: Geoffrey Simon. University Chapel.

Monday and Tuesday, April 18th and 19th

8:15 p.m. Terpsichorean Dance Concert. Woman's College Auditorium.

Wednesday, April 20th

8:15 p.m. Student Union Lecture: Virgilia Peterson. Woman's College Auditorium.

Tuesday, May 10th

8:15 p.m. Madrigal Singers Concert. Music Room, East Duke Building.

CALENDAR NOTICE

There will be no University weekly Calendar for the period of March 27th through April 3rd, the time of Spring Recess. Notices for the Calendar, April 4th through 9th should be submitted to Room 202-A Flowers Building not later than 1:00 p.m. on Thursday, March 31st.

COLLEGE OF ENGINEERING
Final Examination Schedule—Spring 1960

Course No.	Date	Time	Room No.
Engrg.			
2.1	Saturday, May 21	9:00-12:00 a.m.	47.208
2.2	Saturday, May 21	9:00-12:00 a.m.	47.209
2.3	Saturday, May 21	9:00-12:00 a.m.	47.226
2.4	Saturday, May 21	9:00-12:00 a.m.	47.227
2.5	Saturday, May 21	2:00- 5:00 p.m.	47.208
2.6	Saturday, May 21	2:00- 5:00 p.m.	47.209
2.7	Saturday, May 21	2:00- 5:00 p.m.	47.226
2.8	Saturday, May 21	2:00- 5:00 p.m.	47.227
60.1	Monday, May 30	9:00-12:00 a.m.	47.218
60.2	Tuesday, May 24	9:00-12:00 a.m.	47.217
107.1	Saturday, May 28	9:00-12:00 a.m.	47.216
107.2	Monday, May 30	9:00-12:00 a.m.	47.217
107.3	Monday, May 23	9:00-12:00 a.m.	47.218
128.1	Monday, May 23	2:00- 5:00 p.m.	47.117
128.2	Monday, May 23	2:00- 5:00 p.m.	47.226-227
128.3	Monday, May 23	2:00- 5:00 p.m.	47.226-227
128.4	Monday, May 23	2:00- 5:00 p.m.	47.226-227
170	Monday, May 23	9:00-12:00 a.m.	47.217
C.E.			
116	Saturday, May 28	9:00-12:00 a.m.	47.139
118	Tuesday, May 24	9:00-12:00 a.m.	47.139
124.1	Thursday, May 26	9:00-12:00 a.m.	47.117
124.2	Thursday, May 26	9:00-12:00 a.m.	47.117
133	Friday, May 27	9:00-12:00 a.m.	47.139
140	Saturday, May 21	9:00-12:00 a.m.	47.139
146	Saturday, May 21	9:00-12:00 a.m.	47.217
E.E.			
56.1	Saturday, May 28	9:00-12:00 a.m.	47.212
56.2	Friday, May 27	2:00- 5:00 p.m.	47.212
56.3	Monday, May 23	9:00-12:00 a.m.	47.212
110.1	Wednesday, May 25	2:00- 5:00 p.m.	47.208-209
110.2	Wednesday, May 25	2:00- 5:00 p.m.	47.208-209
110.3	Wednesday, May 25	2:00- 5:00 p.m.	47.208-209
123	Friday, May 27	9:00-12:00 a.m.	47.140
124	Monday, May 30	9:00-12:00 a.m.	47.216
127	Friday, May 27	9:00-12:00 a.m.	47.212
159	Monday, May 23	9:00-12:00 a.m.	47.06
174.1	Tuesday, May 24	9:00-12:00 a.m.	47.218
174.3	Monday, May 30	9:00-12:00 a.m.	47.201
182.1	Thursday, May 26	9:00-12:00 a.m.	47.208
182.2	Thursday, May 26	9:00-12:00 a.m.	47.209
192.1	Saturday, May 28	9:00-12:00 a.m.	47.208
192.2	Saturday, May 28	9:00-12:00 a.m.	47.209
194.1	Tuesday, May 24	2:00- 5:00 p.m.	47.208-209
194.2	Tuesday, May 24	2:00- 5:00 p.m.	47.208-209
194.3	Tuesday, May 24	2:00- 5:00 p.m.	47.208-209
201	Monday, May 23	9:00-12:00 a.m.	47.201
222	Tuesday, May 24	9:00-12:00 a.m.	47.201
M.E.			
52.1	Saturday, May 28	9:00-12:00 a.m.	47.140
52.2	Monday, May 23	9:00-12:00 a.m.	47.140
102.1	Saturday, May 21	9:00-12:00 a.m.	47.140
102.2	Saturday, May 28	9:00-12:00 a.m.	47.226
103.1	Friday, May 27	9:00-12:00 a.m.	47.222
103.2	Saturday, May 21	9:00-12:00 a.m.	47.222
106.1	Monday, May 30	9:00-12:00 a.m.	47.140
106.2	Monday, May 23	9:00-12:00 a.m.	47.216
128	Saturday, May 21	9:00-12:00 a.m.	47.216
142.1	Monday, May 23	9:00-12:00 a.m.	47.227
142.2	Saturday, May 21	9:00-12:00 a.m.	47.218
142.3	Tuesday, May 24	9:00-12:00 a.m.	47.227
156.1	Tuesday, May 24	7:00-10:00 p.m.	47.226
156.2	Tuesday, May 24	7:00-10:00 p.m.	47.226
157.1	Friday, May 27	9:00-12:00 a.m.	47.224
162.1	Saturday, May 28	9:00-12:00 a.m.	47.227
162.2	Tuesday, May 24	9:00-12:00 a.m.	47.140

198.1	Monday, May 23	2:00- 5:00 p.m.	47.218
198.2	Monday, May 23	7:00-10:00 p.m.	47.226
198.4	Monday, May 23	7:00-10:00 p.m.	47.226
222	Saturday, May 28	9:00-12:00 a.m.	47.218

UNIVERSITY
OFFICIAL EXAMINATION SCHEDULE
Spring Semester, 1960

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN APRIL 16 TO REQUEST A CHANGE IN SCHEDULE.

Thursday			
May 19	7:00 p.m.	PHYSICAL EDUCATION	
Friday		Undergraduate	
May 20		Reading Period	
Saturday	9:00-12:00 a.m.	TTS, FIRST PERIOD	
May 21	2:00- 5:00 p.m.	All Languages 1 & 2	
Monday	9:00-12:00 a.m.	TTS, SECOND PERIOD	
May 23	2:00- 5:00 p.m.	French & Spanish 64	
	7:00-10:00 p.m.	Mathematics 5 & 50	
Tuesday	9:00-12:00 a.m.	TTS, THIRD PERIOD	
May 24	2:00- 5:00 p.m.	Chemistry 2	
	7:00-10:00 p.m.	Botany 2	
Wednesday	9:00-12:00 a.m.	TTS, FOURTH PERIOD	
May 25	2:00- 5:00 p.m.	Physics 2 & 42	
	7:00-10:00 p.m.	Political Science 11, 12 & 62	
Thursday	9:00-12:00 a.m.	TTS, SIXTH PERIOD	
May 26	2:00- 5:00 p.m.	History 2, E2, & 2X	
Friday	9:00-12:00 a.m.	MWF, FIRST PERIOD	
May 27	2:00- 5:00 p.m.	Mathematics 6 & 51	
Saturday	9:00-12:00 a.m.	MWF, SECOND PERIOD	
May 28	2:00- 5:00 p.m.	MWF, SIXTH PERIOD	
Monday	9:00-12:00 a.m.	MWF, THIRD PERIOD	
May 30	2:00- 5:00 p.m.	Religion 1 & 2	
	7:00-10:00 p.m.	Economics 52	
Tuesday	9:00-12:00 a.m.	MWF, FOURTH PERIOD	
May 31	2:00- 5:00 p.m.	Philosophy 48 & 49	
	7:00-10:00 p.m.	Air Science	
Wednesday	9:00-12:00 a.m.	MWF, FIFTH PERIOD &	
June 1	2:00- 5:00 p.m.	Naval Science	
		English 1 & 2	

Chemistry (except Chemistry 2) and Zoology classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING MAY 21, 9:00 A.M., AND ENDING JUNE 1, 5:00 P.M. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 A.M. MAY 25, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
April 4-9, 1960

CALENDAR

WEEK OF
April 4-9, 1960

OF DUKE UNIVERSITY



Events of the Week

Monday, April 4

- 8:00 a.m. Classes resume.
4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Roy Forster.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Tuesday, April 5

- 10:10 a.m. Divinity School Morning Chapel. The Reverend Henry C. Ruark, First Methodist Church, Laurinburg, N. C. York Chapel.
4:00 p.m. Mathematics Seminar. Room 138, Physics Building. Speaker: Dr. R. F. Rinehart.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
5:00 p.m. Council on Gerontology Meeting. Room 208, Flowers Building. Speaker: Mr. Thomas C. Edwards.
6:00 p.m. Phi Beta Kappa Dinner and Initiation. Union Ballroom.
7:30 p.m. Phi Beta Kappa Public Lecture. Union Ballroom. Speaker: Dr. Henry J. Cadbury.

- 8:00 p.m. Erasmus Club. The Faculty Lounge (Morehead Planetarium), University of North Carolina. Speaker: Professor Benjamin Boyce.
8:15 p.m. Student Union Concert: Lillian and Irwin Freundlich in Four Hand Piano Recital with Commentary. Page Auditorium.

Wednesday, April 6

- 10:10 a.m. Divinity School Morning Chapel. The Reverend Henry C. Ruark, First Methodist Church, Laurinburg, N. C. York Chapel.
3:00 p.m. Literary Arts Celebration. Music Room, East Duke Building. (See Special Notice.)
4:00 p.m. The final examination of Mr. Millard Vance Sales for the Ed.D. degree in Education. Room 08-A, West Duke Building.
4:00 p.m. Seminar on "The Nervous System and Behavior." Duke Hospital Amphitheatre. Speaker: Dr. Gregory Razran.
4:15 p.m. Botany Seminar. Room 113, Biology Building, West Campus. Speaker: Dr. Donald E. Moreland.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.
7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Seventh Seal" written and directed by Sweden's Ingmar Bergman. Acclaimed throughout the world as one of the greatest films in the history of the cinema. "A piercing and powerful contemplation of the

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

passage of man upon this earth"—Crowther, N. Y. Times. Special prize, Cannes Film Festival.

- 8:15 p.m. Literary Arts Celebration. Music Room, East Duke Building. A reading from his poems: Mr. Richard Wilbur.

Thursday, April 7

- 10:10 a.m. Divinity School Morning Chapel. Mr. Douglas Holden. York Chapel.
12:30 p.m. Literary Arts Celebration Luncheon. Old Trinity Room.
3:00 p.m. Literary Arts Celebration: Reading by Ovid W. Pierce. Music Room, East Duke Building.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
8:00 p.m. Pre-Med Society Meeting. Hospital Amphitheater. Speaker: Dr. C. Nash Herndon.
8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.
8:15 p.m. Literary Arts Celebration: Panel Discussion. Music Room, East Duke Building.

Friday, April 8

- 10:10 a.m. Divinity School Morning Chapel. Mr. Terry Hammill. York Chapel.
6:00 p.m. Alumni Council Meeting. Old Trinity Room.
8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.
8:15 p.m. Chamber Arts Society Concert: The Camera Concerti. Music Room, East Duke Building.

Saturday, April 9

- 9:30 a.m. Alumnae Day activities begin. (See Special Notice.)
7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Seventh Seal" written and directed by Sweden's Ingmar Bergman. Acclaimed throughout the world as one of the greatest films in the history of the cinema. "A piercing and powerful contemplation of the passage of man upon this earth"—Crowther, N. Y. Times. Special prize, Cannes Film Festival.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 4th, in Room 113, Biology Building at 4:15 p.m. Dr. Roy Forster, National Science Foundation, Washington 25, D. C., will speak on "Cellular Aspects of Active Transport by Renal

Tubules." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, April 5th, at 4:00 p.m. in Room 138, Physics Building. The speaker, Dr. R. F. Rinehart, Office of Ordnance Research, will discuss "Intrinsic Functions of Matrices." Coffee will be served at 3:30 p.m. in Room 132, Physics Building.

COUNCIL ON GERONTOLOGY MEETING

The Duke University Council on Gerontology will present Mr. Thomas C. Edwards, Vice-President, Teachers' Insurance and Annuity of America, who will speak on "Financing the Retirement Years." The meeting will be held in Room 208, Flowers Building on West Campus, on Tuesday, April 5th, at 5:00 p.m. All those interested are invited to attend.

PHI BETA KAPPA ANNUAL LECTURE

The Phi Beta Kappa Chapter of Duke University will present its annual lecture on Tuesday, April 5th, at 7:30 p.m. in the Union Ballroom, West Campus. The speaker will be Dr. Henry J. Cadbury, Hollis Professor of Divinity Emeritus of Harvard University. The subject will be "The Life of a Scholar." The general public is cordially invited to attend this lecture.

STUDENT UNION CONCERT: FOUR HANDS PIANO RECITAL

The Music and Arts Committee of the Student Union will present Lillian and Irwin Freundlich in a four hand piano recital interspersed with commentary on Tuesday, April 5th, at 8:15 p.m. in Page Auditorium. The concert is open to the public without charge.

The Freundlichs, who have won warm praise for their performances on previous visits to this area, are very active in the music world. Mr. Freundlich, an honor graduate of Columbia College, has been on the Juilliard Faculty since 1935, and has trained a number of award-winning pianists. He is also well-known as a lecturer, and the author of many articles, reviews, and papers on a wide variety of musical topics. His wife, Lillian, who made her New York debut in 1941, has also taught at Oberlin and the Juilliard Summer Schools. She has appeared in many solo recitals, and last season joined with her husband to present a series of three recitals with commentary at the Master Institute in New York City.

The program follows:

Fantasia Concertante (1959)	Robert Starer
Sonata in F Major (K 497)	Mozart
Adagio—Allegro di molto	
Andante	
Allegro	

INTERMISSION

Marche Caracteristique, Op. 121 No. 1	Schubert
Variations in A Flat Major, Op. 35	Schubert
Fantasia Concertante (1959)	Robert Starer

(Commentary by Irwin Freundlich)

ERASMUS CLUB

The Erasmus Club will meet jointly with the Philological Club of the University of North Carolina

on Tuesday, April 5th, at 8:00 p.m. in the Faculty Lounge (Morehead Planetarium), University of North Carolina, Chapel Hill, N. C. The speaker will be Professor Benjamin Boyce of the Duke University English Department, who will present a paper entitled "Alexander Pope and the Visible Arts." A cordial welcome is extended to all guests.

LITERARY ARTS CELEBRATION

The second annual Literary Arts Celebration, sponsored by the Department of English and the *Archive*, undergraduate journal, has been scheduled as follows: Wednesday, April 6th, at 3:00 p.m.: Discussion of student poetry in the *Archive*, Celebration Number, by Richard Wilbur (Things of this World), translator, editor, critic, and poet.

8:15 p.m.: A reading from his poems, Mr. Wilbur.

Thursday, April 7th, at 12:30 p.m.: English Department luncheon in honor of visiting critics, Old Trinity Room.

3:00 p.m.: A reading from his forthcoming novel, "On a Lonesome Porch," by Ovid Williams Pierce, '32.

8:15 p.m.: Discussion of student short stories in the *Archive*, Celebration Number, by Helen Bevington (A Change of Sky and Other Poems) Chairman, Ovid W. Pierce, '32, Lodwick Hartley and Mae Hyman, '47 (No Time for Sergeants).

All literary discussion meetings will take place in the Music Room, East Duke Building, Woman's College. The public is cordially invited to attend.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Millard Vance Sales for the Ed.D. degree in Education will be held on Wednesday, April 6th, at 4:00 p.m. in Room 08-A, West Duke Building. The subject of Mr. Sales' dissertation will be "The Status of the Public Summer High Schools in North Carolina." The Committee to conduct the examination will consist of Professors E. C. Bolmeier, Allan S. Hurlburt, Olan L. Petty, W. A. Stumpf, and Calvin B. Hoover. Professor Bolmeier will preside.

SEMINAR ON "THE NERVOUS SYSTEM AND BEHAVIOR"

Dr. Gregory Razran, Department of Psychology, Queens College, will speak on "A Survey of Russian Experiments in Interoceptive Conditioning, Semantic Conditioning and the Orienting Reflex." Dr. Razran's lecture will take place in the Duke Hospital Amphitheater on Wednesday, April 6th, at 4:00 p.m. The Departments of Anatomy, Physiology, and Psychology are joint sponsors of this interdisciplinary seminar.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, April 6th, at 4:15 p.m. in Room 113, Biology Building, West Campus. Dr. Donald E. Moreland, Plant Physiologist, U. S. Department of Agriculture, North Carolina State College, Raleigh, will speak on "Effects of Herbicidal Compounds on the Photochemical Activities of Isolated Chloroplasts."

Since receiving his doctorate at North Carolina State College, Dr. Moreland has been working on the mechanism of action of herbicidal compounds in co-operation with the North Carolina Agricultural Experiment Station. Last summer he was one of those

selected to present his findings at the Gordon Research Conference on Plant Biochemistry.

Tea will be served at 4:00 p.m.

PRE-MED SOCIETY

On Thursday, April 7th, Dr. C. Nash Herndon, Chairman of the Department of Preventive Medicine and Genetics at the Bowman Gray School of Medicine and Visiting Professor of Medical Genetics at Duke Medical School, will address the Duke Pre-Medical Society on "Genetics in the Practice of Medicine" or "Medical Genetics." The meeting will be at 8:00 p.m. in the Hospital Amphitheater and all students, faculty, and staff of the University are invited. Dr. Herndon, who is a graduate of Duke and the Jefferson Medical College of Philadelphia, is a past president of the American Society of Human Genetics and the American Genetics Society, and is Associate Editor of the American Journal of Human Genetics.

CHAMBER ARTS SOCIETY CONCERT

The fifth and final chamber-music concert of the current season will be given Friday, April 8th, at 8:15 p.m., by the *Camera Concerti*, a group of fifteen musicians, with Joseph Eger as Musical Director and Conductor. The concert will be given in the Music Room, East Duke Building. The featured soloists are Joseph Eger, French Horn, and Walter Trampler, Viola. The program follows:

Concerto Grosso in F Major (in one movement)	Handel
Concerto in E flat Major, K. 495, for French Horn	Mozart
Concerto in C Minor for Violin and Oboe	J. S. Bach

Sarabanda, Giga e Badinerie	Corelli
Trauermusic for Viola and String Orchestra (1936)	Hindemith
on the occasion of the death of King George	
V of England	

Musical Joke (Ein musikalischer Spasse) K. 522	Mozart
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Admission: By Chamber Arts Society Membership Card, or by Guest Card. About sixty Guest Cards, priced at \$2.00 for students and \$2.50 for others, will be available at the door at 7:45 on the night of the concert.

ALUMNAE DAY ACTIVITIES

Alumnae Day, sponsored by the Duke University Alumnae Association will be held on East Campus on Saturday, April 9th. All Duke alumnae and women members of the faculty and staff are invited to attend. Reservations should reach the Alumni Office, 106 West Campus Union, not later than Wednesday, April 6th.

The Alumnae Council will hold its annual spring meeting on Friday evening, April 8th, at 6:00 p.m. in the Old Trinity Room.

Morning program will be held in East Duke Building.

The full program for Alumnae Day, Saturday, April 9th, is as follows:

9:30-10:30 a.m.	Coffee Hour
10:30-11:30 a.m.	"Presidential Possibilities."
11:30-12:30 p.m.	Dr. Robert S. Rankin, Chairman, Department of Political Science.
11:30-12:30 p.m.	"Peace Through Law: What Can You Do?"
11:30-12:30 p.m.	Dr. Arthur Larson, Professor of Law and Director of the Duke World Rule of Law Center.
1:00 p.m.	Luncheon and the Annual Meeting of the Alumnae

Association. East Campus Union. Presiding: Mrs. Lucille Gainey Burns '33 of Macon, Ga., President of the Duke University Alumnae Association. Address: "Scholarship and the Humanities." Dr. Charles Fenton, Professor of English-American Literature.

3:30 p.m. Opening of the Alumnae Room in East Duke Building which has been redecorated by Mr. Karl Bock, distinguished New York decorator, as a gift to the college, and tea honoring Mr. Bock and Mrs. Mary Duke Biddle, Duke Alumna, who originally decorated the room in 1938.

RECREATION CLASSES SPONSORED BY WOMEN'S PHYSICAL EDUCATION DEPARTMENT

The recreation classes for women faculty and faculty wives will begin the week of Monday, April 11th. The following classes have materialized; times as follows:

Bowling, Mon. Wed., 7:00 p.m., Ark, East Campus.
Conditioning Exercises, Mon. Wed., 2:00 p.m. and 7:00 p.m., East Campus Gym.
Swimming, Mon. Wed., 2:00 p.m.; Tues. Thurs. 10:25 a.m., East Campus Gym. Necessary attire—bathing suit and cap.
Tennis, Tues. Thurs., 5:15 p.m., East Campus Gym. Necessary equipment and attire—tennis racket, tennis shoes.

Women faculty, staff, and faculty wives may still enroll even if they did not respond to the original questionnaire.

DUKE NURSERY SCHOOL MEETING

On April 11th at 8:00 p.m., Dr. John A. Fowler, M.D. will discuss "Emotional Development of the Pre-School Child." The meeting will be held at the Duke University Nursery School, 109 Bivins and the public is cordially invited. Refreshments will be served.

WDNC NOW OFFERING NIGHTLY DUKE NEWSCAST

Radio Station WDNC, in co-operation with the Duke University Bureau of Public Information, has begun a new series of newscasts featuring news events of Duke University and its personnel. The programs can be heard from 6:25 to 6:30 p.m., Monday through Friday at 620 on your radio dial.

Duke University personnel who have items of interest which they would like included on the broadcast should contact the Bureau of Public Information in 03 Flowers Building or call Duke Extension 2823.

FRENCH EXAMINATION FOR GRADUATE DEGREE CANDIDATES

French examinations for candidates for graduate degrees will be held on Friday, April 15th, at 4:00 p.m., in Room 114, Physics Building. Candidates may register in the Graduate School Office for these examinations not later than April 8th.

GERMAN EXAMINATION FOR CANDIDATES FOR GRADUATE DEGREES

German examinations for candidates for graduate degrees will be held Monday through Saturday, May 2nd through 7th. Candidates register in the Graduate School Office for these examinations not later than April 22nd.

PRE-REGISTRATION FOR FALL AND SUMMER SEMESTERS OF 1960

At the discretion of the department, students may be advised by Faculty Advisors beginning on Saturday, April 9th. After advising, students will bring their official white Course Schedule Cards to 103 Allen Building for tallying and acceptance during the following dates and at the times signed for through the M.S.G.A. Committee on Education:

Rising Seniors	April 19-20
Rising Juniors	April 21-22
Rising Sophomores	April 25-27
Special Students	April 29 (9:00 a.m.-12:00 noon)

Course cards will not be accepted at the Central Records Office for tallying unless a treasurer's receipt for the pre-registration deposit of twenty-five (\$25.00) is presented at the same time. These receipts may be secured from the Treasurer's Office at the time students report for tallying in Allen Building.

1960 UNDERGRADUATE STUDENT BOOK COLLECTORS CONTEST

The Friends of Duke University Library are again sponsoring an annual contest for the best personal book collections acquired by students while in college.

Three prizes are offered: \$50, \$30, and \$20, in the form of books chosen by the winners. The winners will also be guests of the Friends of the Library at their annual dinner meeting on April 28th.

Winners will be determined by a committee of three faculty members, on the basis of book lists submitted and brief personal interviews. The judges of this year's contest will be George W. Williams, I. B. Holley, and Ashbel G. Brice.

Neither the number nor the monetary value of the student's books is of primary importance, but rather the student's knowledge of his own library and his discrimination in selecting books related to his interests. Collections may be either specialized or general. Textbooks should not be included.

The contest is open to all undergraduates, and contestants of previous years may enter it again.

The sponsoring committee for the 1960 contest is composed of Professors John S. Curtiss, Waldo Beach, and Oliver W. Ferguson, chairman.

Further information may be obtained from Mr. Ferguson or from Thomas M. Simkins, Jr., in the Rare Book Room of the General Library.

The date for submitting entries is April 7th.

GOVERNMENT AWARDS UNDER FULBRIGHT ACT

Announcement is made of government awards for 1961-62 under the Fulbright Act for university lecturing and advanced research. These awards are made for posts in Argentina, Brazil, Chile, Colombia, Ecuador, Peru, Burma, Ceylon, Indian, Pakistan, Philippines, Thailand, Australia, and New Zealand.

The closing date of application is April 25, 1960. Further details may be obtained in 220 Allen Building.

WEEK OF
April 10-16, 1960

CALENDAR

WEEK OF
April 10-16, 1960

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 10

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. The Reverend Professor James L. Price, Jr., Head of the Department of Religion, Undergraduate Colleges. Sermon: "Demonstrations in the Streets and in the House of God." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Concert of Music for Organ and Solo Voice. Methodist Student Center.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, April 11

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

8:00 p.m. Duke Nursery School Meeting. Room 109, Bivins Building. Speaker: Dr. John A. Fowler.

8:15 p.m. Molière Comedy, Annual French play. Music Room, East Duke Building.

8:15 p.m. Men's Glee Club Spring Concert. Page Auditorium.

Tuesday, April 12

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Frederick L. Herzog.

3:00 p.m. Campus Club "Books and Coffee." Union Ballroom, West Campus. Speaker: Mrs. Newman I. White.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:30 p.m. AIEE-IRE Meeting. Engineering Lecture Room. Speaker: Dr. Pier Abetti.

8:15 p.m. Molière Comedy, Annual French play. Music Room, East Duke Building.

8:15 p.m. Student Union Lecture-Demonstration: Fiore de Henriquez, sculptress. Woman's College Auditorium.

Wednesday, April 13

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Frederick L. Herzog.

1:45 p.m. The final examination of Mr. James Ray Kirby for the Ph.D. degree in Chemistry. Room 220, Chemistry Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:00 p.m. Seminar on "The Nervous System and Behavior." Hospital Amphitheater. Speaker: Dr. Daniel S. Lehrman.
- 4:15 p.m. Parapsychology Lecture. Room 204, East Duke Building. Speaker: Dr. Michael Scriven.
- 4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. Conrad Howell Waddington.
- 4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Dr. Conrad Howell Waddington.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Happy Is the Bride" with Ian Carmichael, Terry Thomas, Joyce Grenfell, and Cecil Parker. A delightful English comedy written and directed by Britain's master laugh maker, Roy Boulting. First time in Durham.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114, Physics Building. Duke University. Speaker: Dr. Vincent P. Kenney.
- 8:15 p.m. Concert of Duke Concert Band. Woman's College Auditorium. Conductor: Dr. Allan Bone.
- 8:15 p.m. Duke-U.N.C. Philosophy Colloquium. Philosophy Seminar Room, West Duke Building. Speaker: Dr. Michael Scriven.
- 8:30 p.m. Moliere Comedy. Annual French play. Music Room, East Duke Building.

Thursday, April 14

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Holy Communion. Dr. Egil Grislis, celebrant.
- 10:30 a.m. The final examination of Mr. Gilbert Gottlieb for the Ph.D. degree in Psychology. Room 204, Bivins Building.
- 1:00-1:30 p.m. Lenten Noonday Meditation. University Chapel. The Reverend Professor Thomas A. Langford.
- 2:00 p.m. The final examination of Harold Alfred Mooney for the Ph.D. degree in Botany. Room 116, Science Building.
- 4:00 p.m. Undergraduate Faculty Council Meeting. Room 208, Flowers Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 7:30 p.m. Maundy Thursday Service. University Chapel. The Reverend Professor Clyde Manschreck.
- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Pre-Med Society. Hospital Amphitheater.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, April 15

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Frederick L. Herzog.
- 12:00-3:00 p.m. Good Friday Service. University Chapel. The Denominational Chaplains and Directors of Religious Life.
- 4:00 p.m. French Examination for Graduate Degree Candidates. Room 114, Physics Building.

Saturday, April 16

- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Happy Is the Bride" with Ian Carmichael, Terry Thomas, Joyce Grenfell, and Cecil Parker. A delightful English comedy written and directed by Britain's master laugh maker, Roy Boulting. First time in Durham.
- 8:15 p.m. Sonata Recital with Edgar Alden and William Newman. Music Room, East Duke Building.

ORDER OF WORSHIP

The Reverend Professor James L. Price, Jr., Head of the Department of Religion in the Undergraduate Colleges, will deliver the sermon at the University Service of Worship at 11:00 a.m., on Sunday morning, April 10th, in the University Chapel. His subject will be "Demonstrations in the Streets and in the House of God."

The Reverend Howard C. Wilkinson
Chaplain to the University
Presiding Minister

Prelude: Prelude in C Minor *Bach*
Call to Worship: The Lord Is in His Holy Temple

Hymn: "All Glory, Laud, and Honor" *Melchior Teschner*
Prayer of Confession

Words of Assurance
The Lord's Prayer

Anthem: Sanctus from "Requiem" *Fauré*
Scripture: Luke 19: 35-47; 20: 1-2

Hymn: "Where Cross the Crowded Ways
of Life" *From William Gardiner's Sacred Melodies*

Call to Prayer

The Pastoral Prayer

The Offering

Offertory Organ Interlude
Anthem: Benedictus from "Requiem" *Mozart*

Gretchen Ruffy, Soprano, John Hanks, Tenor,
Marilyn Zschau, Contralto, Edgar Ballowe, Bass

Response: The Doxology

Prayer of Dedication

Sermon: "Demonstrations in the Streets and in
the House of God"

Prayer

Benediction

Chorale Response: Amen (from Opus 30) *Brahms*

The Chimes

Postlude: Prelude, Fugue, and Chaconne *Buxtehude*

CAMPUS CLUB BOOKS AND COFFEE

The Campus Club April meeting will be a "Books and Coffee" session with Mrs. Newman I. White as reviewer for the group. Held in the Union Ballroom, West Campus, at three o'clock on Tuesday afternoon, April 12th, the meeting will have as hostesses members of the Food Services Department, Library of West Campus, and Political Science Department. Mrs. Benjamin E. Powell will serve as chairman for the event.

AIEE-IRE MEETING DR. PIER ABETTI

The regular monthly meeting of the Duke Student Branch of the American Institute of Electrical Engineers-Institute of Radio Engineers will be on Tuesday, April 12th, at 7:30 p.m. in the Engineering Lecture Room. The speaker will be Dr. Pier A. Abetti, Manager, Project Extra High Voltage, General Electric Company. His subject will be "Project E.H.V." Special guests will be the N. C. State College Student Branch of AIEE-IRE, Eastern N. C. Subsection of AIEE. The public is also cordially invited to attend.

A distinguished scholar, Dr. Abetti is the recipient of numerous academic awards and holds Ph.D. degrees from the University of Pisa and the Illinois Institute of Technology. In 1952, he received the Coffin Award, General Electric's highest award, and 1954, he was named Outstanding Young Electrical Engineer of 1953. In the same year he was also presented the Award of the Italian Historical Society as an outstanding American of Italian descent. Currently, Dr. Abetti is Manager of the newly formed Project Extra High Voltage, an enormous co-operative enterprise of 15 General Electric Departments, eight other manufacturers, and one utility.

FOIRE DE HENRIQUEZ, SCULPTRESS LECTURE-DEMONSTRATION

The Student Union Music and Arts Committee will present the world renowned sculptress, Foire de Henriquez, in a lecture-demonstration, "In Love with Clay." The young Spanish artist, now a British citizen, will be heard in the Woman's College Auditorium on Tuesday, April 12th, at 8:15 p.m. The program is open to the public and there will be no admission charge; it is another of the student planned programs to broaden the scope of cultural experience.

Born in Trieste into a family descended from Spanish nobility on her father's side, she brooked family opposition to satisfy an overwhelming desire to become a sculptress.

At twenty-five she had her first exhibition at the Galleria Rizzi in Florence, Italy—with seventy pieces on display and she sold them all! It was the beginning of world wide recognition.

Anyone who has seen her sculpture and heard her speak knows he is in the presence of a talent which, as the great sculptor Jacob Epstein put it, "approximates genius." She is equally praised by Augustus John who was so impressed with the bust she made

of him that, at 74 he embarked on the serious study of sculpture under her tutelage.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James Ray Kirby for the Ph.D. degree in Chemistry, will be held on Wednesday, April 13, 1960 at 1:45 p.m. in Room 220, Chemistry Building. The subject of Mr. Kirby's dissertation will be "A Spectrophotometric Study of Certain Azo Compounds. I. O, O'-Dihydroxyazobenzene and Its Chelates with Aluminum, Gallium, and Indium. II. Superchrome Garnet Y." The Committee to conduct the examination will consist of Professors J. H. Saylor, Chairman, D. G. Hill, H. A. Strobel, Pelham Wilder, Jr., and Eugene Grueling. Professor Saylor will preside.

SEMINAR ON "THE NERVOUS SYSTEM AND BEHAVIOR"

Dr. Daniel S. Lehrman, Department of Psychology, Rutgers-The State University, will speak on "Hormones-Behavior Interaction in Reproductive Cycle of Birds." Dr. Lehrman's lecture will take place in the Duke Hospital Amphitheater at 4:00 p.m., Wednesday, April 13th. The Departments of Anatomy, Physiology, Psychology are joint sponsors of this interdisciplinary seminar.

PARAPSYCHOLOGY LECTURE "THE IMPROBABILITY OF ESP"

The Parapsychology Laboratory will present a public lecture by Dr. Michael Scriven of the Department of Philosophy, Swarthmore College, on Wednesday, April 13th, at 4:00 p.m. in Room 204, East Duke Building (East Campus). The general public as well as students and faculty members of the University are cordially invited.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Wednesday, April 13th, in Room 113, Biology Building, at 4:15 p.m. Dr. Conrad Howell Waddington, Institute of Animal Genetics, Edinburgh, Scotland, will speak on, "The Evolution of Adaptations." Coffee will be served in Room 113 at 3:50 preceding the seminar.

BOTANY SEMINAR

The Botany Seminar, in conjunction with the Zoology Seminar, will meet on Wednesday, April 13th, at 4:15 p.m. in Room 113, Biology Building, West Campus. Professor C. H. Waddington, Institute of Animal Genetics, University of Edinburgh, Scotland, will speak on "The Evolution of Adaptations." Coffee will be served at 3:50 p.m.

JOINT DUKE-UNC PHYSICS COLLOQUIUM

The Joint Duke-UNC Physics Colloquium will meet Wednesday, April 13th, at 8:00 p.m. in Room 114 of the Physics Building at Duke University. The speaker will be Dr. Vincent P. Kenney, of the University of Kentucky, who will speak on "Pion-Production by Pions at Energies Up to 1 Bev."

CONCERT OF MUSIC ORGAN AND SOLO VOICE

The Department of Aesthetics, Art and Music will present the students of Mildred L. Hendrix and John Hanks in a concert of music for organ and solo voice on Sunday, April 10th, at 4:00 p.m. in the Methodist Student Center. The public is cordially invited to attend. The program follows:

Fugue in C minor	J. S. Bach
Elender Dennis	
Two Schubler Chorale Preludes	J. S. Bach
1. "If Thou But Suffer God to Guide Thee"	
2. "Praise to the Lord"	
Irma Keeler	
Selected Arias from "The Messiah"	G. F. Handel
1. Rejoice greatly	
Nancy Lassiter, Soprano	
2. He shall feed His flock	
Claudia Bray, Mezzo-soprano	
Come unto Him	
Nancy Lassiter	
3. But thou didst not leave his soul in Hell	
Mike Best, Tenor	
Chorale Prelude—"Deck thyself, my soul"	J. Brahms
Mary Lou Jarrett	
Arm, arm ye brave, from "Judas Maccabaeus"	G. F. Handel
Edgar Ballowe, Bass-baritone	
Chorale Prelude—"Christ Lay in the Bonds of Death"	J. S. Bach
Frances Little	
O Lord on high	W. A. Mozart
Boyd Hight, Bass	
Fantasia in G Major	J. S. Bach
Mitzi Malone	

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, April 10th,
9:45 a.m. Sunday School. All Local Churches.
6:15 p.m. Training Union. Local Baptist Churches.

Wednesday, April 13th,
6:30 p.m. Dr. Guy H. Ranson. East Duke Chapel.

Episcopal Student Fellowship:

Sunday, April 10th,
9:30 a.m. Holy Communion. Episcopal Student Center.
6:30 p.m. Canterbury. Student Panel from North Carolina College "Sit Down Strike." Episcopal Student Center.

Monday, April 11th,
7:10 a.m. Holy Communion. Episcopal Student Center.

Tuesday, April 12th,
7:10 a.m. Holy Communion. Episepal Student Center.

Wednesday, April 13th,
7:10 a.m. Holy Communion. Episcopal Student Center.

Thursday, April 14th,
8:00 a.m. Holy Communion. Episepal Student Center.
8:00 p.m. Holy Communion. Episcopal Student Center.

Friday, April 15th,
7:10 a.m. Ante-Communion and Reproaches.

Lutheran Student Association:

Sunday, April 10th,
9:45 a.m. Sunday School. Local Churches.
6:30 p.m. LSA. Dr. Hans Hillerbrand will speak on "Some Fresh Looks at Luther, the Man." Lutheran Student Center.

Wednesday, April 13th,
7:15 a.m. Holy Communion. Memorial Chapel.
8:00 a.m. Holy Communion. Memorial Chapel. Rides from East Campus Circle.
Holy Week Services at Local Lutheran Churches.

Methodist Student Fellowship:

Sunday, April 10th,
9:15 a.m. Sunday seminars. Methodist Student Center.
6:30 p.m. Worship. Methodist Student Center.
7:15 p.m. "The African Situation." Speaker: Dr. Theodore Ropp.

Wednesday, April 13th,
6:00 p.m. Holy Communion. Methodist Student Center.

Westminster Fellowship:

Sunday, April 10th,
9:30 a.m. Bible Class. 201 Flowers Building.
10:30 a.m. Meet at East Campus Circle and Chapel Steps on West Campus for rides to Covenant Presbyterian Church for worship and dinner.
5:00 p.m. Meet at East Campus Circle and Chapel Steps for rides to Covenant Presbyterian Church for joint meeting with North Carolina College.

Wednesday, April 13th,
7:15 a.m. Holy Communion. Communion breakfast following. East Duke Chapel.
5:15 p.m. Westminster Supper Club. East Campus Union.

Society of Friends:

Sunday, April 10th,
7:30 p.m. Forum—Some Aspects of the "Set in Project." Mr. Floyd B. McKissick will be speaking.

DUKE NURSERY SCHOOL MEETING

On April 11th at 8:00 p.m., Dr. John A. Fowler, M.D. will discuss "Emotional Development of the Pre-School Child." The meeting will be held at the Duke University Nursery School, 109 Bivins and the public is cordially invited. Refreshments will be served.

MOLIERE COMEDY ANNUAL FRENCH PLAY

The Department of Romance Languages will present Molière's *Les Fourberies de Scapin* on Monday, Tuesday, and Wednesday, April 11th, 12th, and 13th, at 8:30 p.m., in the Music Room, East Duke Building.

The play, a three act comedy presented in Italian Style, is under the direction of Mrs. Neal Dow of the French Department. In elaborate costumes and carnival masks, the cast will be composed of students in the Department. There will be no admission charge and the public is cordially invited to attend.

MEN'S GLEE CLUB SPRING CONCERT

The Duke University Men's Glee Club will present a Spring Concert on Monday, April 11th, at 8:15 p.m., in Page Auditorium. The major work of the performance is a setting to music by Philip James of Vachel Lindsey's "General William Booth Enters into Heaven." This is an outstanding contemporary work, seldom performed because of its difficulty, which the Club used with great success on its northern tour.

DUKE CONCERT BAND

The 65 piece Duke Concert Band will present its spring concert on Wednesday evening, April 13th at 8:15 p.m. in the Woman's College Auditorium. The Band has just completed a nine concert tour and has prepared a program of "Music Across the Centuries" including works by Bach, Schubert, Rossini and Weinberger. Contemporary writers include Gordon Jacob, Robert Kurka and Dimitri Shostakovich.

Allan Bone is Acting Conductor. The University Community and its families are cordially invited to attend. There is no admission charge. The program is as follows:

Fanfare:	Burrill Phillips
for Fourteen Players	
16th Century:	
Capriol Suite—3 Dance Tunes from Arbeau's "Orchesographie"	Set by Peter Warlock arr. Walter Beeler
Basse-Danse	
Pieds-en-l'Air	
Mattachins	
18th Century:	
Chorale Prelude: "Fervent Is My Longing"	J. S. Bach
Organ Fugue in G minor (The Little)	arr. Lucien Cailliet
19th and 20th Centuries:	
Four Dramatic Excerpts:	
Ballet Music II from "Rosamunde" (1823)	Schubert-Safranek
Pas de Six from "William Tell" (1829)	Rossini-Hansen
Prelude to Act V from "King Manfred" (1867)	
	Reinecke-Osterling
INTERMISSION (Ten Minutes)	
The 20th Century:	
England:	
Flag of Stars Overture (1953-54)	Gordon Jacob
Germany:	
Polka and Waltz from the Opera "The Good Soldier Schweik" (1958)	Robert Kurka
Small Ensemble	
America:	
Stella Polaris—Concert March (1960)	Paul Koepke
Associate Professor of Music	
North Carolina College at Durham	
Suite of Old American Dances (1950)	Robert Russell Bennett
Cake Walk	
Rag	
Russia:	
Finale from "Symphony No. 5" (1937)	Dimitri Shostakovich
arr. Charles Righter	

DUKE-UNC PHILOSOPHY COLLOQUIUM

Professor Michael Scriven of the Department of Philosophy at Swarthmore College will speak on "Attitude Utilitarianism" in the Philosophy Seminar Room, 211-A West Duke Building, at 8:15 p.m. on Wednesday, April 13th. Interested members of the University Community are invited.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Gilbert Gottlieb for the Ph.D. degree in Psychology will be held on Thursday, April 14, 1960 at 10:30 a.m. in Room 204, Bivins Building. The subject of Mr. Gottlieb's dissertation

will be "The Following Response of Wild and Domestic Ducklings of the Same Species." The Committee to conduct the examination will consist of Professors Donald K. Adams, Weston LaBarre, Peter Klopfer, Irving Diamond, Karl Zener. Professor Adams will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Harold Alfred Mooney for the Ph.D. degree in Botany will be held on Thursday, April 14, 1960, at 2:00 p.m., in Room 116, Science Building. The subject of Mr. Mooney's dissertation will be "Comparative Physiological Ecology of Arctic and Alpine Populations of *Oxyria Digyna*." The Committee to conduct the examination will consist of Professors W. D. Billings, L. E. Anderson, H. J. Oosting, A. W. Naylor, D. A. Livingstone. Professor Billings will preside.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m., on Thursday, April 14th, in Room 208, Flowers Building.

FRENCH EXAMINATION FOR GRADUATE DEGREE CANDIDATES

French examinations for candidates for graduate degrees will be held on Friday, April 15th, at 4:00 p.m., in Room 114, Physics Building. Candidates may register in the Graduate School Office for these examinations not later than April 8th.

SONATA RECITAL

The Department of Aesthetics, Art, and Music is pleased to present Dr. Edgar Alden, violinist, and Dr. William Newman, pianist, in a Sonata Recital on Saturday evening, April 16th at 8:15 p.m. in the Music Room of East Duke Building. Both artists are members of the Music Department of the University of North Carolina. Their frequent recital appearances make them widely known throughout the southeast as outstanding musicians. Dr. Alden will also appear with the Duke Symphony in the Beethoven Violin Concerto on April 22nd. There is no admission charge for the concert.

The program follows:

Sonata No. 2 in G Minor	Handel
Sonata (1954)	Vaughn Williams
Sonata, Op. 57	Dvorak

RECREATION CLASSES SPONSORED BY WOMEN'S PHYSICAL EDUCATION DEPARTMENT

The recreation classes for women faculty and faculty wives will begin the week of Monday, April 11th. The following classes have materialized; times as follows:

Bowling, Mon. Wed., 7:00 p.m., Ark, East Campus.

Conditioning Exercises, Mon. Wed., 2:00 p.m. and 7:00 p.m., East Campus Gym.

Swimming, Mon. Wed., 2:00 p.m.; Tues. Thurs. 10:25 a.m., East Campus Gym. Necessary attire—bathing suit and cap.
Tennis, Tues. Thurs., 5:15 p.m., East Campus Gym. Necessary equipment and attire—tennis racket, tennis shoes.

Women faculty, staff, and faculty wives may still enroll even if they did not respond to the original questionnaire.

WDNC NOW OFFERING NIGHTLY DUKE NEWSCAST

Radio Station WDNC, in co-operation with the Duke University Bureau of Public Information, has begun a new series of newscasts featuring news events of Duke University and its personnel. The programs can be heard from 6:25 to 6:30 p.m., Monday through Friday at 620 on your radio dial.

Duke University personnel who have items of interest which they would like included on the broadcast should contact the Bureau of Public Information in 03 Flowers Building or call Duke Extension 2823.

GERMAN EXAMINATION FOR CANDIDATES FOR GRADUATE DEGREES

German examinations for candidates for graduate degrees will be held Monday through Saturday, May 2nd through 7th. Candidates register in the Graduate School Office for these examinations not later than April 22nd.

PRE-REGISTRATION FOR FALL AND SUMMER SEMESTERS OF 1960

At the discretion of the department, students may be advised by Faculty Advisors beginning on Saturday, April 9th. After advising, students will bring their official white Course Schedule Cards to 103 Allen Building for tallying and acceptance during the following dates and at the times signed for through the M.S.G.A. Committee on Education:

Rising Seniors	April 19-20
Rising Juniors	April 21-22
Rising Sophomores	April 25-27
Special Students	April 29 (9:00 a.m.-12:00 noon)

Course cards will not be accepted at the Central Records Office for tallying unless a treasurer's receipt for the pre-registration deposit of twenty-five (\$25.00) is presented at the same time. These receipts may be secured from the Treasurer's Office at the time students report for tallying in Allen Building.

GOVERNMENT AWARDS UNDER FULBRIGHT ACT

Announcement is made of government awards for 1961-62 under the Fulbright Act for university lecturing and advanced research. These awards are made for posts in Argentina, Brazil, Chile, Colombia,

Ecuador, Peru, Burma, Ceylon, Indian, Pakistan, Philippines, Thailand, Australia, and New Zealand.

The closing date of application is April 25, 1960. Further details may be obtained in 220 Allen Building.

ANNUAL ERASMUS CLUB PRIZE

The Erasmus Club, a group composed principally of Duke faculty members interested in the study of language, literature, and the arts, wishes to announce its annual contest for the Erasmus Club Prize, an award of \$25.00 which is listed among the commencement honors. The prize is given to the undergraduate student who submits the best original essay embodying the results of research, criticism, or evaluation, concerning some subject in the humanities. The essay may be the result of independent study, but generally the entries are term papers written in classes in English or the other modern languages, in classical languages, in fine arts, or philosophy. Suitable subjects may also be found in history, religion, political science, etc.

The essays, which should be typewritten, must be submitted by May 1st to John M. Fein (305 Gray) or to Joseph A. Bryant (504 Library).

REAL ESTATE RENTAL AND SALE FILE

A file of houses and apartments for rent or sale is being kept at the Information Desk in Flowers Building for the convenience of the University Community. Anyone having available an apartment or house for rent this coming summer is asked to submit the details in writing to 202-A Flowers Building so that the file might be kept up to date.

ART EXHIBIT OF JAPANESE CHILDREN'S PAINTINGS

The Student Union Music and Arts Committee will sponsor a showing of the paintings of Japanese children from the Sakurabi Primary School in Tokyo from Monday, April 11th through Saturday, April 23rd, in the Alumni Lounge of West Union Lounge. The paintings may be viewed in the Lounge at any time and the public is cordially invited to see them.

The Exhibit is part of an art exchange program promoted by Stelios M. Stelson, Americanism Chairman of the N. C. Veterans of Foreign Wars, in an endeavor to further international friendships and good will.

NOTICE TO ALL FACULTY MEMBERS

Application for Grant for Research forms have been mailed to faculty members by the University Council on Research. Those who have not received copies may obtain them by phoning Mrs. Wood, Extension 2821.

WEEK OF
April 17-23, 1960

CALENDAR

WEEK OF
April 17-23, 1960

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 17

- Denominational Meetings. See special notice.
- 7:00 a.m. Easter Sunrise Service. Sarah P. Duke Memorial Gardens.
- 9:00 and 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Roland H. Bainton, Yale University. Sermon: Easter Meditation. Broadcast over Radio Station WDNC and WDNC-FM.
- 10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
- 4:00 p.m. Student Union Intermezzo: Carillon Recital by Geoffrey Simon, '60. West Campus Quadrangle.
- 8:00 p.m. Wesley Players present "Murder in the Cathedral." Methodist Student Center.
- 9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, April 18

- 8:30 a.m. The final examination of Miss Regina Frayser for the Ph.D. degree in Anatomy. Room M-405, Medical Building.
- 10:00 a.m. Law School Lecture. Court Room of Law School. Speaker: Dean H. R. Hahlo.

- 10:30 a.m. The final examination of Mr. George K. Manlove for the Ph.D. degree in English. Library Conference Room.
- 2:30 p.m. The final examination of Mr. Lawrence Wilson Weston for the Ph.D. degree in Physics. Room 218, Physics Building.
- 4:00 p.m. Engineering Faculty Council Meeting. Conference Room, Engineering Building.
- 4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. C. E. Lane.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 8:00 p.m. Wesley Players present "Murder in the Cathedral." Methodist Student Center.
- 8:15 p.m. Modern Dance Recital. Woman's College Auditorium.

Tuesday, April 19

- 10:10 a.m. Memorial Service for the Late Dr. James Cannon. York Chapel.
- 4:00 p.m. Mathematics Seminar. Room 135, Physics Building. Speaker: Mr. Harlan Stevens.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 6:15 p.m. Student Union Spring Banquet. Union Ballroom.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Romance Language Lecture. Music Room, East Duke Building. Speaker: Professor H. J. Hunt.
- 8:00 p.m. Delta Phi Alpha Meeting. Room 208, Flowers Building. Speakers: Dr. H. W. Gerhard and Dr. Hans W. Baade.
- 8:00 p.m. Wesley Players present "Murder in the Cathedral." Methodist Student Center.
- 8:15 p.m. Modern Dance Recital. Woman's College Auditorium.

Wednesday, April 20

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. William F. Stinespring.
- 2:30 p.m. The final examination of Mr. Philip Raymond Bevington for the Ph.D. degree in Physics. Room 218, Physics Building.
- 3:15 p.m. The final examination of Mr. Harlan Riley Stevens for the Ph.D. degree in Mathematics. Room 219, Physics Building.
- 4:00 p.m. Seminar on "The Nervous System and Behavior." Hospital Amphitheater. Speaker: Dr. Wendell J. S. Krieg.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Aparajito" (The Unvanquished). The second feature film of Satyajit Ray's famed trilogy continues the epic drama of the lives and fortunes of the family introduced to American audiences in "Pather Panchali." "Promises to be one of the cinema's outstanding masterpieces"—Time Magazine. Grand Prize Winner—Venice Film Festival. First time in Durham.
- 8:00 p.m. Wesley Players present "Murder in the Cathedral." Methodist Student Center.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 206, Phillips Hall, U.N.C. Speaker: Dr. James H. Crawford, Jr.
- 8:15 p.m. Student Union Lecture: Virgilia Peterson, Author and Critic. Woman's College Auditorium.

Thursday, April 21

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. William G. Sharpe, IV.
- 3:00 p.m. Newcomers Club Meeting. Home of Mrs. Angus McBryde, 410 East Forest Hills Boulevard.
- 4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Dr. F. C. Steward.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.

- 8:00 p.m. Wesley Players present "Murder in the Cathedral." Methodist Student Center.
- 8:00 p.m. Pre-Med Society Meeting. Hospital Amphitheater.
- 8:00 p.m. Shakespearean Reading: "Measure for Measure." Branson Hall.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, April 22

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. William F. Stinespring.
- 2:00 p.m. The final examination of Mr. John F. Haberer for the Ph.D. degree in Economics. Room 201-A, Social Science Building.
- 8:00 p.m. Shakespearean Reading: "Measure for Measure." Branson Hall.
- 8:00-10:00 p.m. Co-Ree Night. Woman's College Gymnasium.
- 8:15 p.m. Duke Symphony Concert. Page Auditorium.

Saturday, April 23

- 2:00 p.m. The final examination of Mr. Richard Hoxie Severens for the Ph.D. degree in Philosophy. Room 211-A, West Duke Building.
- 2:00 p.m. The final examination of Mr. Robert William Powell, Jr. for the Ph.D. degree in Botany. Room 201, Biology Building.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Aparajito" (The Unvanquished). The second feature film of Satyajit Ray's famed trilogy continues the epic drama of the lives and fortunes of the family introduced to American audiences in "Pather Panchali." "Promises to be one of the cinema's outstanding masterpieces"—Time Magazine. Grand Prize Winner—Venice Film Festival. First time in Durham.
- 8:00 p.m. Shakespearean Reading: "Measure for Measure." Branson Hall.
- 8:15 p.m. Women's Glee Club in Spring Concert. Woman's College Auditorium.

EASTER SUNRISE SERVICE ORDER OF SERVICE

The Reverend Warren Carr, Minister, Watts Street Baptist Church, will give the Easter Meditation at the Easter Sunrise Service on Sunday morning, April 17th, at 7:00 a.m., in the Sarah P. Duke Memorial Gardens. Mr. Terry Carleton, Vice Chairman, Duke University Religious Council will preside, and The Reverend Charles E. Johnson, Jr., Chaplain to Presbyterian Students at Duke will assist in the service. Music will be furnished by the Duke University School of Nursing Choir and the Brass Ensemble of the Kappa Kappa Psi National Music Honorary Fraternity.

ORDER OF WORSHIP

The Reverend Dr. Roland H. Bainton, Titus Street Professor of Ecclesiastical History, Yale University will preach at the University Services of Worship on Sunday morning, April 17th, at 9:00 and 11:00 a.m. in the University Chapel.

The Reverend Howard C. Wilkinson,
Chaplain to the University, Presiding Minister

The Reverend Robert P. Hyatt,

Associate Director of Religious Activities, Assisting
Prelude: Prelude and Fugue in E flat (St. Anne) *Bach*
Processional Hymn: "All Hail the Power of Jesus' Name" *Beethoven*

Easter Versicles

The Pastoral Prayers of Adoration, Confession, Intercession,
and Supplication

The Lord's Prayer

Anthem: Here on Earth Have We No Continuing

Place from "Requiem"

Brahms

Edgar Ballowe, baritone soloist

Scripture Lesson

Hymn: "O for a Thousand Tongues to Sing" *Carl G. Glaser*

Call to Prayer

A Litany of Thanksgiving

The Offertory

Offertory Organ Interlude

Anthem—The Hallelujah Chorus from "The Messiah"

Handel

Response—The Doxology

Prayer of Dedication

Meditation for Easter

Prayer

Anthem: Worthy Is the Lamb That Was Slain
from "The Messiah"

Handel

Benediction

Sevenfold Amen

Postlude: Toccata from Symphony V

Stainer

Widor

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, April 17th,

9:45 a.m. Sunday School. Local Churches.

6:15 p.m. Training Union. Local Churches.

Wednesday, April 20th,

5:30 p.m. Installation Banquet. East Campus Union.

Speaker: Reverend James Y. Greene.

Lutheran Student Association:

Sunday, April 17th,

9:45 a.m. Sunday School. Local Churches.

5:15 p.m. L. S. A. Meet at East Campus circle and the
Chapel steps for rides to the home of Dr. Chauncy Bly.

Wednesday, April 20th,

7:15 a.m. Holy Communion. Memorial Chapel. Rides
from East Campus circle.

Methodist Student Fellowship:

Sunday, April 17th,

7:00 p.m. Worship. Methodist Student Center.

8:00 p.m. "Murder in the Cathedral" by the Wesley
Players. This play will be presented nightly through
Thursday Night. Tickets are on sale on both East and
West Campus. Methodist Student Center.

Westminster Fellowship:

Sunday, April 17th,

9:30 a.m. Bible Class. 201 Flowers Building.

6:30 p.m. Westminster Fellowship. Holy Communion.
East Duke Chapel.

Wednesday, April 20th,

5:15 p.m. Westminster Supper Club. East Campus Union.

STUDENT UNION INTERMEZZO CARILLON RECITAL

The Student Union Music and Arts Committee will present the last in its Intermezzo Series, a Carillon Recital by Geoffrey Simon, on Sunday, April 17th, at 4:00 p.m. in the West Campus Quadrangle.

Geoffrey Simon, '60 of Washington, D. C. has served the University as Student Carillonneur for the past two years. He is a Music Major in Theory and Organ and plans a career in choral conducting. Mr. Simon is a member of the Men's Glee Club, the Chapel Choir, and the Chancel Singers. He has also served as accompanist for the Men's and Women's Glee Clubs and assistant director and accompanist for the two Freshmen Choruses.

THE WESLEY PLAYERS PRESENT "MURDER IN THE CATHEDRAL"

T. S. Eliot's "Murder in the Cathedral" will be presented by the Wesley Players Sunday, April 17th through Thursday, April 21st in the Methodist Student Center at 8:00 p.m. Admission will be \$.75.

LIBRARY SCHEDULE

All libraries will be closed on Easter Sunday, April 17th. Regular schedules will be in effect on Saturday, April 16th, and Monday, April 18th.

EXAMINATIONS FOR THE PH.D. DEGREE

The final examination of Miss Regina Frayser for the Ph.D. degree in Anatomy will be held on Monday, April 18, 1960, at 8:30 a.m. in Room M-405, Medical Building. The subject of Miss Frayser's dissertation is "In Vivo and Histologic Study of Emphysematous Changes Experimentally Produced in Animal." The committee to conduct the examination consists of Professors J. E. Markee, William H. Knisely, D. J. Fluke, R. F. Becker, and F. G. Hall. Professor Markee will preside.

The final examination of Mr. George K. Manlove for the Ph.D. degree in English will be held on Monday, April 18, 1960, at 10:30 a.m. in the Library Conference Room. The subject of his dissertation is "The Intellectual Background of Goldsmith's Deserter Village." The committee to conduct the examination consists of Professors Benjamin Boyce, C. R. Sanders, Lionel Stevenson, C. E. Ward, and W. B. Hamilton. Professor Newson will preside.

The final examination of Mr. Lawrence Wilson Weston for the Ph.D. degree in Physics will be held on Monday, April 18, 1960, at 2:30 p.m., in Room 218, Physics Building. The subject of his dissertation is "Neutron Capture Cross Sections in the KeV Region." The committee to conduct the examination consists of Professors H. W. Newsom, Chairman, H. W. Lewis, Eugene Grueling, Hertha Sporer, and F. G. Dressel. Professor Newsom will preside.

The final examination of Mr. Philip Raymond Bevington for the Ph.D. degree in Physics will be held on Wednesday, April 20th, 1960 at 2:30 p.m., in Room 218, Physics Building. The subject of Mr. Bevington's dissertation is "A Time-of-Flight Measurement

of Neutron Yields from the Li⁷ (p, n) Be⁷ Reaction." The committee to conduct the examination consists of Professors H. W. Lewis, H. W. Newson, Horst Meyer, Eugene Grueling, and F. G. Dressel. Professor Lewis will preside.

The final examination of Mr. Harlan Riley Stevens for the Ph.D. degree in Mathematics will be held on Wednesday, April 20, 1960 at 3:15 p.m. in Room 219, Physics Building. The subject of his dissertation is "The Hurwitz Product of Sequences Satisfying a Generalized Kummer's Congruence." The committee to conduct the examination consists of Professors Leonard Carlitz, J. H. Roberts, J. R. Schoenfeld, J. M. Thomas, and Romane Clark. Professor Carlitz will preside.

The final examination of Mr. John F. Haberer for the Ph.D. degree in Economics will be held on Friday, April 22, 1960 at 2:00 p.m. in Room 201-A, Social Science Building. The subject of his dissertation is "Some Conceptual Problems in Moneyflows Accounting: United States and Canada." The committee to conduct the examination consists of Professors Frank A. Hanna, Charles E. Ferguson, E. C. Simmons, Joseph J. Spengler, and Thomas M. Gallie, Jr. Professor Hanna will preside.

The final examination of Mr. Robert William Powell, Jr. for the Ph.D. degree in Botany will be held on Saturday, April 23, 1960 at 2:00 p.m. in Room 201, Biology Building. The subject of his dissertation is "Dieback and Canker of Yellow-poplar (*Liriodendron Tulipifera L.*)" The committee to conduct the examination consists of Professors T. W. Johnson, Jr., Roger F. Anderson, H. S. Perry, Jane Philpott, and Robert L. Wilbur. Professor Johnson will preside.

The final examination of Mr. Richard Hoxie Severens for the Ph.D. degree in Philosophy will be held on Saturday, April 23, 1960 at 2:00 p.m. in Room 211-A, West Duke Building. The subject of his dissertation is "Ontological Commitments in Categorical Systems." The committee to conduct the examination will consist of Professors Romane Clark, Charles A. Baylis, Bernard Peach, Paul Welch, and Bronislas de l. Jezierski. Professor Clark will preside.

LAW SCHOOL LECTURE

H. R. Hahlo, Dean of the Faculty of Law of the University of the Witwatersrand, Johannesburg, South Africa, will lecture on Monday, April 25th, at 10:00 a.m. in the Court Room of the Law School on "The Great South African Diamond Case." Faculty and students from all departments are invited.

ENGINEERING FACULTY COUNCIL MEETING

The Engineering Faculty Council will meet on Monday, April 18th, at 4:00 p.m. in the Conference Room of the Engineering Building.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 18th, in Room 113, Biology Building, at 4:15 p.m. Dr. C. E. Lane, Marine Laboratory of the University of Miami, Coral Gables, Florida, will speak on, "The Biology of Shipworms." Coffee will be served in Room 113 at 3:50 preceding the seminar.

MODERN DANCE RECITAL

The Modern Dance Club will present its Spring Concerts in Woman's College Auditorium on Monday and Tuesday evenings, April 18th and 19th at 8:15 p.m. There will be no admission charge and members of the University Community are extended a cordial invitation to attend the performances.

The program is the culmination of the year's work and is completely choreographed by the students. Mrs. Julia Wray, instructor in Modern Dance serves as advisor to the group with Barbara Figge and Julie Sutherland, past and present club presidents. Student choreographers are Marilyn Lewis, Barbara Figge, Anne Lightfoot, Julie Sutherland, Gay Blair, Jo Ann White, and Carol Williams.

The program follows:

The Dancer Prepares

A formalized version of the dancer's regular daily exercises.

Sound Museum

An experiment in word association taken from the record "Word Jazz."

Ballet Satire

The modern dancer pokes good natured fun at the very conventional style of the Ballet.

Down the Drain

An experiment in word association.

Theme and Variations

An abstract variation on a basic theme with interesting percussive movements.

INTERMISSION

At the Stillpoint

Three dancers present an interpretation of T. S. Eliot's "Burnt Norton."

In Time

Time Past

Time Future

Time Always

The Creation

In the spirit of the early Negro sermon, "The Creation" is presented in a series of dances to narration and music, "God's Trombones," by J. W. Johnson.

JAMES CANNON III—IN MEMORIAM

A memorial service for the late Dr. James Cannon, III, former Dean of the Divinity School, will be held Tuesday, April 19th, at 10:10 a.m. in York Chapel.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, April 19th, at 4:00 p.m. in Room 135, Physics Building. The speaker, Mr. Harlan Stevens, will discuss "Sequences Satisfying Kummer's Congruence." Coffee will be served at 3:30 p.m. in Room 132.

ROMANCE LANGUAGE LECTURE

The Department of Romance Languages will sponsor a lecture by Professor H. J. Hunt of the University of London on Tuesday, April 19th, at 8:00 p.m., in the Music Room of the East Duke Building. Professor Hunt, an internationally recognized authority on French literature of the nineteenth century, will discuss "Monomania in La Comedie Humaine." All interested persons are cordially invited to attend.

DELTA PHI ALPHA MEETING

Delta Phi Alpha, national German honorary fraternity, will have as guest speakers, Dr. H. W. Gerhard of the Department of Economics, and Dr. Hans W. Baade of the Law School, at their meeting on Tuesday, April 19th, in Room 208, Flowers Building, at 8:00 p.m.

Dr. Gerhard will speak on the economic development of Germany, followed by Dr. Baade who will discuss the constitutional basis of the federal republic of Germany. A discussion period will follow. The public is extended a cordial invitation to attend this meeting.

SEMINAR ON "THE NERVOUS SYSTEM AND BEHAVIOR"

Dr. Wendell J. S. Krieg, Department of Anatomy, Northwestern University School of Medicine, will speak on "Architecture of Cerebrum." Dr. Krieg's lecture will take place at the Hospital Amphitheater at 4:00 p.m. on Wednesday, April 20th. This is a continuation of the interdisciplinary seminar sponsored jointly by the Departments of Anatomy, Physiology, and Psychology.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics departments will meet Wednesday, April 20th, at 8:00 p.m. in Phillips Hall, Room 206, University of North Carolina. Dr. James H. Crawford, Jr. of the Oak Ridge National Laboratory will speak on "Effects of High-Energy Radiation on Semiconductors Crystals."

STUDENT UNION LECTURE VIRGINIA PETERSON

The fourth speaker in the Student Union's major Lecture Series will be Miss Virginia Peterson, well known author and literary critic of New York City.

She will speak on "Reflections on a Changing World" on Wednesday, April 20th, in the Woman's College Auditorium at 8:15 p.m. The address will entail a critical look at modern society as reflected in its literature. The public is cordially invited to attend this lecture free of charge. Well known as a moderator of the television's "Author Meets the Critics," Miss Peterson recently received the Peabody Award for her weekly radio program from New York, "Books in Profile."

For a time Miss Peterson served as assistant director of special events for Radio Free Europe. As an author Miss Peterson's work include *Beyond this Shore* and *Polish Profile*, the account of her flight to America on the eve of the Nazi invasions. Her many book translations include the best seller "Image of America" by R. L. Bruckberger in collaboration with her husband.

NEWCOMERS CLUB MEETING

Members of the Newcomers Club will be entertained at the home of Mrs. Angus McBryde, 410 East Forest Hills Boulevard, on Thursday afternoon April 21st at 3:00 p.m. A business session for the election of officers will precede the tea hour. All members are urged to be present.

BOTANY SEMINAR

The Botany Seminar will meet on Thursday, April 21st at 4:15 p.m., in Room 113 Biology Building, West Campus. Dr. F. C. Steward, Department of Botany, Cornell University, Ithaca, New York, will speak on "Carrots and Coconuts—Adventures in the Study of Growth."

As an investigator of ion transport, amino acid metabolism and growth stimulating substances in endosperm, Professor Steward has made many notable contributions. His theories relative to ion uptake and protein synthesis have had highly stimulatory effects. In tissue culture work with carrot, he has recently been successful in producing whole, fully differentiated plants from single cells taken from the root. This is an achievement long sought by students of differentiation.

Tea will be served at 4:00 p.m.

SHAKESPEAREAN READING "MEASURE FOR MEASURE"

Members of the three sections of English 124, Shakespeare, will present "Measure for Measure" on Thursday, Friday, and Saturday, April 21st, 22nd, and 23rd, at 8:00 p.m., in Branson Hall. The performance will be a dramatized reading, fully staged but with script in hand. There will be no admission charge, and the public is cordially invited.

DUKE SYMPHONY CONCERT

The Duke Symphony Orchestra, conducted by Allan Bone, will present its Spring Concert on Friday evening, April 22nd, at 8:15 p.m. in Page Auditorium. The concert is planned as one of the features of Parents' Weekend. Daughters and parents are especially invited to attend. Edgar Alden, violinist, from the University of North Carolina Music Department, will be the featured soloist in Beethoven's Violin Concerto. Beth Lee Diaz, soprano, and John Hanks, tenor, will be heard in selections from "My Fair Lady." The orchestra will play works by Schubert, Glière in addition to Tchaikovsky's *Romeo and Juliet Overture*. Admission is \$1.00 at the door. The complete program follows:

Rosamunde Overture	Schubert
Concerto for violin and orchestra Op. No. 61	Beethoven
Edgar Alden, violinist	
Allegro ma non troppo	
Larghetto	
Rondo	
INTERMISSION	
Russian Sailors' Dance	Glière
from "The Red Poppy"	
Selections from "My Fair Lady"	Frederick Loewe
Beth Lee Diaz, soprano	
John Hanks, tenor	
Romeo and Juliet—Overture Fantasy	Tchaikovsky

WOMEN'S GLEE CLUB IN SPRING CONCERT

The Women's Glee Club will present their annual Spring Concert on Saturday, April 23rd, at 8:15 p.m. in Page Auditorium. The program will include Kyrie and Credo from "Mass in B flat" by Lotti; I Hear a Harp, Come Away Death, Greetings and Song from Ossian's Fingal from Opus 17 by Brahms. The featured soloist will be Miss Nancy Pope.

THE DUKE UNIVERSITY ARTS COUNCIL ANNUAL ART COMPETITION

The Duke University Arts Council is pleased to announce its Annual Art Competition open to all students regularly enrolled during the academic year at Duke University. The Prize total is \$50.00. Work should be executed during the year. Oils will be accepted unframed for jury consideration. Prints, Watercolors, and Drawings must be matted. If an award is made, the entrant is responsible for suitable stripping and framing. A jury will select the winning pictures or picture. The winning entries will be hung with the Spring Show of Student's Art Work. Prizes will be announced at that time. Pictures entered in this competition must be submitted to:

Miss Barbara Stoughton, Asbury Building, East Campus, Room 103 on or before April 24th between the hours of 9:00 a.m. to 5:00 p.m.

IIE STUDENTS

Graduate students under the auspices of IIE who are eligible for renewed scholarship assistance should send necessary applications at the Graduate Office, 126 Allen Building. The deadline is April 22.

THE ANNE FLEXNER MEMORIAL AWARD FOR CREATIVE WRITING

The Anne Flexner Memorial Award is given annually for the best piece of creative writing submitted by an undergraduate student at Duke University. It consists of fifty dollars in cash and a book allowance of \$25.00. The award last year went to John Keith for a short story.

Conditions

1. The prize is open to all undergraduates, both men and women.
 2. Only short stories (5000-word limit), one act plays (5000-word limit), poems (100-line limit), and informal essays (3000-word limit) are eligible.
 3. Only one manuscript may be submitted by any contestant.
 4. All manuscripts must be typed double spaced and must be delivered to the English Office (325 Allen Building) by May 7th. The author's name and address must appear nowhere except on a separate sheet placed before the manuscript.
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HOST PLAN FOR INTERNATIONAL STUDENTS

The Interfaith and Fellowship Committee of the University Religious Council is working in connection with the Durham Junior League to establish a Host Family Plan for the international students at Duke. This program, which will be put into effect next September, will help to alleviate to some extent the lack of interest now shown these students. We feel that this program will benefit the host families, as well as the students, as vital lines of communication are opened. If you would be willing to serve as host to one of the students, will you please get in touch with Rev. William C. Smith, Box 4351, Duke Station.

ADVANCE NOTICE DURHAM CIVIC CHORAL SOCIETY CONCERT

On Tuesday, April 26th, the Durham Civic Choral Society, assisted by the Durham High School Concert Choir and by orchestral accompaniment, will present its annual spring concert at 8:15 p.m. in the Woman's College Auditorium. They will perform Joseph Haydn's "Creation." Soloists will be Joel Carter, bass, John Hanks, tenor, Norma Heyde, soprano, and Ellen Ranson, contralto.

WEEK OF
April 24-30, 1960

WEEK OF
April 24-30, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, April 24

Parents Week-end.

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Theodore O. Wedel, Warden, College of Preachers, Washington Cathedral. Broadcast over Radio Station WDNC and WDNC-FM. Sermon: "Why Do I Have to Be 'Me'?"

3:00-5:00 p.m. Student Union Golf Open House. Duke Golf Clubhouse.

4:00 p.m. Senior Piano Recital: Judith Jane Staley. Asbury Auditorium.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, April 25

10:00 a.m. Law School Lecture: Dean H. R. Hahlo. Court Room, Law School.

2:00 p.m. The final examination of Mr. Robert Meredith MacLeod for the Ph.D. degree in Biochemistry. Room 262, Bell Building.

2:00 p.m. The final examination of Mr. Michael Francis Shugrue for the Ph.D. degree in English. Library Conference Room.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. American Association of University Professors. Union Ballroom. Speaker: Professor Robert E. Stiemke.

8:00 p.m. Harvard Logician Speaks. Room 313, Caldwell Hall, University of North Carolina, Chapel Hill, North Carolina. Speaker: Dr. Willard V. Quine.

Tuesday, April 26

10:10 a.m. Divinity School Morning Chapel. York Chapel. Speaker: Dr. Fred Hoskins, Secretary of the General Council of the Congregational Christian Churches, New York City.

1:00 p.m. The final examination of Mr. Marvin Kenneth Singleton for the Ph.D. degree in English. Room 312, Allen Building.

2:00 p.m. The final examination of Mr. Robert Johnson Schramm, Jr. for the Ph.D. degree in Botany. Room 03, Biology Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:15 p.m. Durham Civic Choral Society Spring Concert. Woman's College Auditorium.
- 8:30 p.m. The final examination of Mr. Wilfred Borden Schofield for the Ph.D. degree in Botany. Room 116, Science Building.

Wednesday, April 27

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Speaker: Mr. William P. Carlson.
- 2:00 p.m. The final examination of Mr. Carl Rothschild for the Ph.D. degree in Biochemistry. Room 262, Bell Building.
- 4:00 p.m. Seminar on "The Nervous System and Behavior." Room 209, Bivins Hall, East Campus. Speaker: Dr. Austin H. Riesen.
- 4:15 p.m. Botany Seminar. Room 113, Biology Building, West Campus. Speakers: Messrs. Edward E. C. Clebsch and Harold A. Mooney.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "The Crucible" with Simone Signoret (winner of the Academy Award "Best Actress of the Year" in "Room at the Top") and Yves Montand. Jean-Paul Satre's adaptation of Arthur Miller's play is called by Bosley Crowther of the N.Y. Times "... a powerful and compelling French film."
- 8:00 p.m. M. S. G. A. Foreign Affairs Committee Lecture Forum: Dr. Allan P. Sindler of the Political Science Department. Topic: "Government: By the People or For the People." Open Meeting.

Thursday, April 28

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Speaker: Mr. James H. Bailey.
- 2:00 p.m. The final examination of Mr. Thomas N. Johnsen, Jr. for the Ph.D. degree in Botany. Room 116, Science Building.
- 3:30 p.m. The final examination of Mr. Charles Bracken for the Ed.D. degree in Education. Room 08-A, West Duke Building.
- 4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. C. M. Yonge.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.
- 8:15 p.m. Hoof 'n' Horn Show: "And If Elected ..." Page Auditorium.

Friday, April 29

- 10:00 a.m. Divinity School Morning Chapel. York Chapel. Speaker: Mr. J. Oscar Dowdle.
- 2:00 p.m. The final examination of Mr. John David Imsande for the Ph.D. degree in Biochemistry. Room 262, Bell Building.
- 3:00 p.m. Varsity Tennis Meet: Duke versus U.N.C. Tennis Courts.
- 8:00 p.m. Faculty Club Meeting. University House. Speaker: Dr. Theodore Ropp.
- 8:00 p.m. N. C. Section of the American Chemical Society Meeting. Lecture Room of Chemistry Building. Speaker: Dr. Clark E. Bricker.
- 8:15 p.m. Hoof 'n' Horn Show: "And If Elected ..." Page Auditorium.
- 9:00 p.m.-1:00 a.m. Joe College Week-end Informal Dance. Indoor Stadium. Ralph Flanagan and His Orchestra.

Saturday, April 30

- 10:30 a.m. North Carolina Philosophical Society Meeting.
- 10:30 a.m. Joe College Parade begins down town.
- 2:00 p.m. Varsity Lacrosse: Duke versus Great Grads.
- 2:00 p.m. Joe College Lawn Concert, West Campus Quadrangle. Buddy Morrow and his Orchestra and the Hi-Lo's.
- 3:00 p.m. Varsity Golf: Duke versus Navy. Duke Golf Course.
- 3:00 p.m. Varsity Baseball. Duke versus Wake Forest. Coombs Field.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Crucible" with Simone Signoret (winner of the Academy Award "Best Actress of the Year" in "Room at the Top") and Yves Montand. Jean-Paul Satre's adaptation of Arthur Miller's play is called by Bosley Crowther of the N.Y. Times "... a powerful and compelling French film."
- 8:00-12:00 p.m. Joe College Formal Dance. Indoor Stadium. Buddy Morrow and his Orchestra.

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, April 24th,

9:45 a.m. Sunday School. Local Churches.

6:15 p.m. Training Union. Local Churches.

Wednesday, April 27th,

6:30 p.m. "Christianity and Economic Problems." Speaker: Dr. Neal Hughley. East Duke Building.

Lutheran Student Association:

Sunday, April 24th,

9:45 a.m. Sunday School. Local Churches.

6:30 p.m. L. S. A. 208 Flowers Building. Rides from East at 6:15 p.m.

Wednesday, April 27th,

7:15 a.m. Holy Communion, Memorial Chapel. Rides from East at 7:00 a.m.

Friday, April 29th,

After lunch leave by automobile for N. C. Mountains for Little Ashram, the Southeastern L. S. A. Conference retreat, worship and fellowship.

Methodist Student Fellowship:

Sunday, April 24th,

9:15 a.m. Worship. Methodist Student Center.

9:30 a.m. Sunday seminars. Methodist Student Center.

6:30 p.m. Joint meeting with Episcopalian at Episcopal Student Center to hear Canon Waddell.

Wednesday, April 27th,

6:00 p.m. Holy Communion. Methodist Student Center.

Society of Friends:

Sunday, April 24th,

7:30 p.m. Forum: "Jacob Report," Dean Barney Jones, speaker.

Westminster Fellowship:

Sunday, April 24th,

9:30 a.m. Bible Class. 201 Flowers Building.

6:15 p.m. Westminster Fellowship. "Life After Death?" Speaker: Rev. Harry Smith, Presbyterian Chaplain at UNC. The Ark.

Wednesday, April 27th,

5:15 p.m. Westminster Supper Club. East Campus Union.

Unitarian Fellowship:

Sunday, April 24th,

7:30 p.m. "What Unitarianism Means to Me." At the home of Prof. Lueius A. Bigelow, 131 Pinecrest Road.

ORDER OF WORSHIP

The Reverend Dr. Theodore O. Wedel, Warden, College of Preachers, Washington Cathedral, will deliver the sermon at the University Service of Worship on Sunday morning, April 24th, at 11:00 a.m. in the University Chapel. His topic will be "Why Do I Have to Be 'Me'?"

The Reverend Howard C. Wilkinson
Chaplain to the University
Presiding Minister

Prelude: Toccata *Muffat*

Call to Worship: "The Lord Is in His Holy Temple" *Harrington*

Hymn: "Holy, Holy, Holy"

John B. Dykes

Prayer of Confession

Words of Assurance

The Lord's Prayer

Scripture Lesson

Hymn: "The King of Love My Shepherd Is" *John B. Dykes*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,

Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem: Blessed Are They That Mourn
from "Requiem" *Brahms*

Response: The Doxology

Prayer of Dedication

Sermon: "Why Do I Have to Be 'Me'?"

Prayer

Benediction

Chorale Response: Sevenfold Amen *Stainer*

The Chimes

Postlude: Trumpet Tune in C *Purcell*

SENIOR PIANO RECITAL

The Department of Aesthetics, Art and Music will present Judith Jane Staley in a senior piano recital on Sunday, April 24th at 4:00 p.m. in Asbury Auditorium. Miss Staley is a student of Loren Withers. The public is cordially invited to attend. Her program will be as follows:

Gavotte and Variations *Rameau*

Sonata in E-flat Major, Op. 81 a *Beethoven*

"Das Lebewohl" *Adagio-Allegro*

"Abwesenheit" *Andante espressivo*

"Das Wiedersehn" *Vivaceissimamente*

Nocturne in C-sharp Minor, Op. 27, No. 1 *Chopin*

Prelude and Fugue, Op. 87, No. 24 *Shostakovich*

INTERMISSION

Concerto No. 2 in D Minor, Op. 23 *MacDowell*

Larghetto calmato-Poco piu mosso,
e con passione

Presto gioioso

Largo-Molto allegro

(Orchestral parts played on the second piano
by Mr. Withers)

LAW SCHOOL LECTURE

H. R. Hahlo, Dean of the Faculty of Law of the University of the Witwatersrand, Johannesburg, South Africa, will lecture on Monday, April 25th at 10:00 a.m. in the Court Room of the Law School on "The Great South African Diamond Case." Faculty and students from all departments are invited.

FINAL EXAMINATIONS FOR THE PH.D. DEGREE

The final examination of Mr. Robert Meredith MacLeod for the Ph.D. degree in Biochemistry will be held on Monday, April 25, 1960 at 2:00 p.m. in Room 262, Bell Building. The subject of Mr. MacLeod's dissertation is "Sulfite-Cytochrome c Reductase." The committee to conduct the examination consists of Professors Philip Handler, William L. Byrne, Henry Kamin, Frederick Bernheim, and Peter Smith. Professor Handler will preside.

The final examination of Mr. Michael Frame Shugrue for the Ph.D. degree in English will be held on Monday, April 25, 1960 at 2:00 p.m. in the Library Conference Room. The subject of Mr. Shugrue's dissertation is "A Study of Applebee's Original Weekly Journal, 1714-1731." The committee to conduct the examination will consist of Professors Benjamin Boyce, Lionel Stevenson, Charles E.

Ward, John H. Fisher, W. B. Hamilton. Professor Boyce will preside.

The final examination of Mr. Marvin Kenneth Singleton for the Ph.D. degree in English will be held on Tuesday, April 26, 1960 at 1:00 p.m. in Room 312, Allen Building. The subject of Mr. Singleton's dissertation is "A History of the **American Mercury** Under the Editorship of Henry Mencken, 1924 to 1933." The committee to conduct the examination will consist of Professors Clarence Gohdes, Arlin Turner, C. R. Sanders, Lionel Stevenson, John Alden. Professor Gohdes will preside.

The final examination of Mr. Robert Johnson Schramm, Jr. for the Ph.D. degree in Botany will be held on Tuesday, April 26, 1960 at 2:00 p.m. in Room 03, Biology Building. The subject of Mr. Schramm's dissertation will be "Anatomical and Physiological Development of Roots in Relation to Aeration of the Substrate." The committee to conduct the examination will consist of Professors Paul J. Kramer, L. E. Anderson, H. S. Perry, A. W. Naylor, and C. G. Bookhout. Professor Kramer will preside.

The final examination of Mr. Wilfred Borden Schofield for the Ph.D. degree in Botany will be held on Tuesday, April 26, 1960 at 8:30 p.m. in Room 116, Science Building. The subject of his dissertation will be "The Ecotone Between Spruce-Fir and Deciduous Forest in the Great Smoky Mountains." The committee to conduct the examination will consist of Professors H. J. Oosting, L. E. Anderson, P. J. Kramer, D. A. Livingstone, and R. L. Wilbur. Professor Oosting will preside.

The final examination of Mr. Carl Rothschild for the Ph.D. degree in Biochemistry will be held on Wednesday, April 27, 1960 at 2:00 p.m. in Room 262, Bell Building. The subject of his dissertation will be "Mitochondrial Oxidation of Reduced Pyridine Nucleotide." The committee to conduct the examination will consist of Professors Philip Handler, Henry Kamin, Norman Kirshner, Pelham Wilder, and Howard Strobel. Professor Handler will preside.

The final examination of Mr. Thomas N. Johnsen, Jr. for the Ph.D. degree in Botany will be held on Thursday, April 28, 1960 in Room 116, Science Building, at 2:00 p.m. The subject of Mr. Johnsen's dissertation will be "Factors Affecting One-Seed Juniper Invasion of Arizona Grasslands." The committee to conduct the examination will consist of Professors H. J. Oosting, P. J. Kramer, T. W. Johnson, Jr., L. E. Anderson, and F. X. Schumacher. Professor Oosting will preside.

The final examination of Mr. Charles Bracken for the Ed.D. degree in Education will be held on Thursday, April 28, 1960 at 3:30 p.m. in Room 08-A, West Duke Building. The subject of Mr. Bracken's dissertation is "The Preparation and Presentation of Public School Budget Messages in United States Cities of 10,000 or More Population." The committee to conduct the examination consists of Professors A. S. Hurlburt, E. C. Bolmeier, Olan L. Petty, W. A. Stumpf, and Donald F. Roy. Professor Hurlburt will preside.

The final examination of Mr. John David Imsande for the Ph.D. degree in Biochemistry, will be held on Friday, April 29, 1960 at 2:00 p.m. in Room 262, Bell

Building. The subject of Mr. Imsande's dissertation is "Biosynthesis of Nicotinic Acid Mononucleotide." The committee to conduct the examination consists of Professors Philip Handler, William L. Byrne, Irwin Fridovich, C. R. Hauser, and Paques C. Poirier. Professor Handler will preside.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS

There will be an open meeting of the Duke Chapter of the American Association of University Professors on Monday, April 25, at 7:30 p.m., in the Union Ballroom. Professor Robert E. Stiemke, of the Georgia Institute of Technology and member of the AAUP Committee on Professional Ethics, will describe the work of this Committee, and speak and lead a discussion on Academic Responsibility. All members of the University Community are cordially invited to attend.

HARVARD LOGICIAN SPEAKS

Dr. Willard V. Quine, Professor of Philosophy and Senior Fellow of Harvard University will speak in Caldwell Hall, Room 213, U.N.C. Campus, on Monday, April 25th at 8:00 p.m. on the topic "Variables Explained Away." This is a U.N.C. Alumni lecture sponsored by the Department of Philosophy at U.N.C. They have cordially invited interested members of the University Community to attend.

SPRING CONCERT ANNOUNCEMENT DURHAM CIVIC CHORAL SOCIETY

Outstanding vocal artists will join the Durham Civic Choral Society and the Durham High School Concert Choir in a presentation of "The Creation" by Joseph Haydn on Tuesday, April 26th. Norma Heyde, soprano, Joel Carter, bass, and John Hanks, tenor, will be the featured soloists. The conductor, Dr. Paul R. Bryan, has assembled an orchestra to accompany the performance, and Margaret Schofield, pianist, will assist in the solo recitatives. The concert will begin Tuesday at 8:15 p.m. in the Woman's College Auditorium on East Campus. Admission is free, and the public is cordially invited to attend.

SEMINAR ON "THE NERVOUS SYSTEM AND BEHAVIOR"

Dr. Austin H. Riesen, Department of Psychology, University of Chicago, will speak on "Neural and Behavior Correlates of Early Visual Deprivation." Dr. Riesen's lecture will take place at 209 Bivins Hall, East Campus, at 4:00 p.m. on Wednesday, April 27th. This is a continuation of the interdisciplinary seminar sponsored jointly by the Departments of Anatomy, Physiology, and Psychology.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, April 27th, at 4:15 p.m. in Room 113, Biology Building, West Campus. Messrs. Edward E. C. Clebsch and Harold A. Mooney, Department of Botany, will speak on "Studies on the Physiological Ecology of Arctic-Alpine Plants." Tea will be served at 4:00 p.m.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Thursday, April 28th, in Room 113, Biology Building, at 4:15 p.m. Dr. C. M. Yonge, F. R. S., University of Glasgow, will speak on, "The Origin and Evolution within the Bivalve Mollusca." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

FACULTY CLUB MEETING

The fifth meeting of the Faculty Club will be held on Friday, April 29th at 8:00 p.m. in the University House. The speaker for the evening will be Dr. Theodore Ropp of the History Department who will discuss "War As An Instrument of Policy." A short business meeting will also be held for the election of officers.

N. C. SECTION OF THE AMERICAN CHEMICAL SOCIETY MEETING

On Friday evening, April 29th, the N. C. Section of the American Chemical Society will meet at 8:00 p.m. in the Lecture Room of the Chemistry Building. The speaker for the evening will be Dr. Clark E. Bricker of Princeton University. His talk, entitled "The World's Energy Needs," is one designed to interest both technically trained and non-technically trained members of the audience.

JOE COLLEGE FESTIVITIES

Joe College celebrates its tenth birthday this weekend as "Joe Relives the Fabulous Fifties." Three nationally renowned musical groups, Hoof 'n' Horn's musical comedy, *And If Elected . . .*, a box lunch and lawn concert, a parade, an exchange dinner, athletic events, and two dances all contribute to Joe College's birthday party. The Hoof 'n' Horn Club presents *And If Elected . . .*, Thursday evening at 8:15 p.m. in Page (and again Friday evening) to start the weekend. At 5:00 p.m. on Friday there will be an exchange picnic on the East Campus Quadrangle with the presentation of May Queen, Judy Heckroth and her court, the crowning of Joe College and the awarding of prizes for the dormitory displays. That evening, Ralph Flanagan will play at the informal dance from 9:00 p.m. to 1:00 a.m. in the Indoor Stadium.

Saturday's events begin with the Joe College parade, which starts on Foster Street at 10:30 a.m. and moves down Foster to Chapel Hill Street to Five Points to Main Street continuing through East Campus to West Campus. At noon on the West Campus Quadrangle the box luncheon will begin, with a lawn concert by Buddy Morrow and his Orchestra and the Hi-Lo's starting at 2:00 p.m. Athletic events at 3:30 p.m. follow the lawn concert, and Morrow will close Saturday's schedule at the formal dance from 9:00 p.m. to midnight in the Indoor Stadium.

HOOF 'N' HORN SHOW "AND IF ELECTED . . ."

The Hoof 'n' Horn Club kicks off Joe College weekend and this year's exciting presidential campaign

with its original smoke-filled musical comedy, *And If Elected . . .*, in Page Auditorium on Thursday, and Friday evenings at 8:15 p.m.

Written by Hank Johnson and directed by Gary Tunmore, *And If Elected . . .* focuses on the important 1960 Republican Presidential Convention in Chicago. It chronicles the misadventures of delegate Joe Osgood, the grandiloquent Senator and White House hopeful B. Bertram Bellows, and public enemy number one, Mickey Mario. The ensuing confusion produces an evening of hilarious comedy, sparkling songs, and gay dances.

Tickets priced at \$2.40, \$2.00 and \$1.60 will be available at the Page Box Office during the hours of 2:00 to 5:00 p.m. the week of the performances.

MARRIAGE SEMINAR

A Marriage Seminar for couples who plan to be married within one year will be sponsored by the Y.W.C.A. and the Special Observances Committee of the Duke University Religious Council on May 6, 7, and 8. Mrs. Ethel Nash, well-known marriage counselor, will lead the seminar. Registration is \$1.00 per couple. Details and registration are available at the Chapel Office (West) and at the Y.W.C.A. Office, 110 Faculty Apartments (East).

HOST PLAN FOR INTERNATIONAL STUDENTS

The Interfaith and Fellowship Committee of the University Religious Council is working in connection with the Durham Junior League to establish a Host Family Plan for the international students at Duke. This program, which will be put into effect next September, will help to alleviate to some extent the lack of interest now shown these students. We feel that this program will benefit the host families, as well as the students, as vital lines of communication are opened. If you would be willing to serve as host to one of the students, will you please get in touch with Rev. William C. Smith, Box 4351, Duke Station.

DUKE NURSERY SCHOOL ANNOUNCEMENT

The Duke University Nursery School is now accepting applications for the 4 and 8 week summer play school sessions, at all pre-school ages. For the Fall, 1960 session there will be several openings in the three and four year old groups. For further information please contact Miss Marie Hinman, University extension 3673 or 8-9382.

SCIENCE FELLOWSHIP AWARD

Announcement is made of the Selby Fellowship, Australia Academy of Science, to be awarded in any branch of physical or biological science for tenure at any university or research institute in Australia. Stipend is set at 1500 pounds per year, with allowance for dependents. Deadline for applications is June 20, 1960. Full details may be obtained in 220 Allen Building.

COLLEGE OF ENGINEERING Final Examination Schedule—Spring 1960			
Course No.	Date	Time	Room No.
Engrg.			
2.1	Saturday, May 21	9:00-12:00 a.m.	47.208
2.2	Saturday, May 21	9:00-12:00 a.m.	47.209
2.3	Saturday, May 21	9:00-12:00 a.m.	47.226
2.4	Saturday, May 21	9:00-12:00 a.m.	47.227
2.5	Saturday, May 21	2:00- 5:00 p.m.	47.208
2.6	Saturday, May 21	2:00- 5:00 p.m.	47.209
2.7	Saturday, May 21	2:00- 5:00 p.m.	47.226
2.8	Saturday, May 21	2:00- 5:00 p.m.	47.227
60.1	Monday, May 30	9:00-12:00 a.m.	47.218
60.2	Tuesday, May 24	9:00-12:00 a.m.	47.217
107.1	Saturday, May 28	9:00-12:00 a.m.	47.216
107.2	Monday, May 30	9:00-12:00 a.m.	47.217
107.3	Monday, May 23	9:00-12:00 a.m.	47.218
128.1	Monday, May 23	2:00- 5:00 p.m.	47.117
128.2	Monday, May 23	2:00- 5:00 p.m.	47.226-227
128.3	Monday, May 23	2:00- 5:00 p.m.	47.226-227
128.4	Monday, May 23	2:00- 5:00 p.m.	47.226-227
170	Monday, May 23	9:00-12:00 a.m.	47.217
C.E.			
116	Saturday, May 28	9:00-12:00 a.m.	47.139
118	Tuesday, May 24	9:00-12:00 a.m.	47.139
124.1	Thursday, May 26	9:00-12:00 a.m.	47.117
124.2	Thursday, May 26	9:00-12:00 a.m.	47.117
133	Friday, May 27	9:00-12:00 a.m.	47.139
140	Saturday, May 21	9:00-12:00 a.m.	47.139
146	Saturday, May 21	9:00-12:00 a.m.	47.217
E.E.			
56.1	Saturday, May 28	9:00-12:00 a.m.	47.212
56.2	Friday, May 27	2:00- 5:00 p.m.	47.212
56.3	Monday, May 23	9:00-12:00 a.m.	47.212
110.1	Wednesday, May 25	2:00- 5:00 p.m.	47.208-209
110.2	Wednesday, May 25	2:00- 5:00 p.m.	47.208-209
110.3	Wednesday, May 25	2:00- 5:00 p.m.	47.208-209
123	Friday, May 27	9:00-12:00 a.m.	47.140
124	Monday, May 30	9:00-12:00 a.m.	47.216
127	Friday, May 27	9:00-12:00 a.m.	47.212
159	Monday, May 23	9:00-12:00 a.m.	47.06
174.1	Tuesday, May 24	9:00-12:00 a.m.	47.218
174.3	Monday, May 30	9:00-12:00 a.m.	47.201
182.1	Thursday, May 26	9:00-12:00 a.m.	47.208
182.2	Thursday, May 26	9:00-12:00 a.m.	47.209
192.1	Saturday, May 28	9:00-12:00 a.m.	47.208
192.2	Saturday, May 28	9:00-12:00 a.m.	47.209
194.1	Tuesday, May 24	2:00- 5:00 p.m.	47.208-209
194.2	Tuesday, May 24	2:00- 5:00 p.m.	47.208-209
194.3	Tuesday, May 24	2:00- 5:00 p.m.	47.208-209
201	Monday, May 23	9:00-12:00 a.m.	47.201
222	Tuesday, May 24	9:00-12:00 a.m.	47.201
M.E.			
52.1	Saturday, May 28	9:00-12:00 a.m.	47.140
52.2	Monday, May 23	9:00-12:00 a.m.	47.140
102.1	Saturday, May 21	9:00-12:00 a.m.	47.140
102.2	Saturday, May 28	9:00-12:00 a.m.	47.226
103.1	Friday, May 27	9:00-12:00 a.m.	47.222
103.2	Saturday, May 21	9:00-12:00 a.m.	47.222
106.1	Monday, May 30	9:00-12:00 a.m.	47.140
106.2	Monday, May 23	9:00-12:00 a.m.	47.216
128	Saturday, May 21	9:00-12:00 a.m.	47.216
142.1	Monday, May 23	9:00-12:00 a.m.	47.227
142.2	Saturday, May 21	9:00-12:00 a.m.	47.218
142.3	Tuesday, May 24	9:00-12:00 a.m.	47.227
156.1	Tuesday, May 24	7:00-10:00 p.m.	47.226
156.2	Tuesday, May 24	7:00-10:00 p.m.	47.226
157.1	Friday, May 27	9:00-12:00 a.m.	47.224
162.1	Saturday, May 28	9:00-12:00 a.m.	47.227
162.2	Tuesday, May 24	9:00-12:00 a.m.	47.140

198.1	Monday, May 23	2:00- 5:00 p.m.	47.218
198.2	Monday, May 23	7:00-10:00 p.m.	47.226
198.4	Monday, May 23	7:00-10:00 p.m.	47.226
222	Saturday, May 28	9:00-12:00 a.m.	47.218

**UNIVERSITY
OFFICIAL EXAMINATION SCHEDULE
Spring Semester, 1960**

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN APRIL 16 TO REQUEST A CHANGE IN SCHEDULE.

Thursday			
May 19	7:00 p.m.	PHYSICAL EDUCATION	
Friday	Undergraduate		
May 20	Reading Period		
Saturday	9:00-12:00 a.m.	TTS, FIRST PERIOD	
May 21	2:00- 5:00 p.m.	All Languages 1 & 2	
Monday	9:00-12:00 a.m.	TTS, SECOND PERIOD	
May 23	2:00- 5:00 p.m.	French & Spanish 64	
	7:00-10:00 p.m.	Mathematics 5 & 50	
Tuesday	9:00-12:00 a.m.	TTS, THIRD PERIOD	
May 24	2:00- 5:00 p.m.	Chemistry 2	
	7:00-10:00 p.m.	Botany 2	
Wednesday	9:00-12:00 a.m.	TTS, FOURTH PERIOD	
May 25	2:00- 5:00 p.m.	Physics 2 & 42	
	7:00-10:00 p.m.	Political Science 11, 12 & 62	
Thursday	9:00-12:00 a.m.	TTS, SIXTH PERIOD	
May 26	2:00- 5:00 p.m.	History 2, E2, & 2X	
Friday	9:00-12:00 a.m.	MWF, FIRST PERIOD	
May 27	2:00- 5:00 p.m.	Mathematics 6 & 51	
Saturday	9:00-12:00 a.m.	MWF, SECOND PERIOD	
May 28	2:00- 5:00 p.m.	MWF, SIXTH PERIOD	
Monday	9:00-12:00 a.m.	MWF, THIRD PERIOD	
May 30	2:00- 5:00 p.m.	Religion 1 & 2	
	7:00-10:00 p.m.	Economics 52	
Tuesday	9:00-12:00 a.m.	MWF, FOURTH PERIOD	
May 31	2:00- 5:00 p.m.	Philosophy 48 & 49	
	7:00-10:00 p.m.	Air Science	
Wednesday	9:00-12:00 a.m.	MWF, FIFTH PERIOD &	
June 1	2:00- 5:00 p.m.	Naval Science	

Chemistry (except Chemistry 2) and Zoology classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING MAY 21, 9:00 A.M., AND ENDING JUNE 1, 5:00 P.M. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 A.M. MAY 25, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
May 1-7, 1960

CALENDAR

WEEK OF
May 1-7, 1960

OF DUKE UNIVERSITY



Events of the Week

Sunday, May 1

Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Donald O. Soper, Minister, West London Mission, London, England. Sermon: "The Christian Revolution." Broadcast over Radio Station WDNC and WDNC-FM.

7:30 p.m. Religious Life Lecture. Room 107, Men's Graduate Center. Speaker: Dr. Donald O. Soper.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, May 2

2:30 p.m. The final examination of Mr. Carl Martin Meltzer for the Ph.D. degree in Physics. Room 218, Physics Building.

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. C. H. Mortimer.

5:00 p.m. Informal Studio Recital of Voice Students of John Hanks. Asbury Auditorium.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

8:00 p.m. Erasmus Club. Green Room, East Duke Building. Speaker: Professor William S. Bush.

Tuesday, May 3

10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Hugh Anderson.

4:00 p.m. Mathematics Seminar. Room 135, Physics Building. Speaker: Mr. M. Jawad Saadaldin.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208, Asbury Building.

4:30 p.m. ODK Initiation. University Chapel.

5:00 p.m. Gerontology Seminar. Room 208, Flowers Building.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

6:30 p.m. ODK Dinner. Old Trinity Room.

7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.

8:00 p.m. Lilly Lectures: Professor Paul Ramsey. Room 208, Flowers Building.

8:15 p.m. Spring Concert of the Men and Women's Chorus. Woman's College Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Wednesday, May 4

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Hugh Anderson.
- 2:00 p.m. The final examination of James Harve DeLap for the Ph.D. degree in Chemistry. Room 220, Chemistry Building.
- 4:00 p.m. Seminar on "The Nervous System and Behavior." Hospital Amphitheater. Speaker: Dr. Blaine Nashold.
- 4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Professor Oswald Tippo.
- 6:00 p.m. Woman's College Senior Class Banquet. East Campus Union.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "Alexander Nevsky." From the Soviet Union, Sergei Eisenstein's immortal and spectacular classic depicting the Russian's defeat of the Teutonic Knights in the 13th Century. Original music by Sergei Prokofiev. First time in Durham.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114, Physics Building, Duke University. Speaker: Dr. L. Radieatti.
- 8:15 p.m. Alice Wilkinson in Piano Recital. Asbury Auditorium.

Thursday, May 5

- 9:00 a.m.-4:30 p.m. Student Union Sidewalk Art Exhibit. West Campus Quadrangle.
- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Mr. George Duffie.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 6:30-8:00 p.m. Zoology Department Film Showing. Room 113, Biology Building.
- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Pre-Med Society. Hospital Amphitheater.
- 8:15 p.m. Student Union Lecture: Sir Herbert Read. Page Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, May 6

- 9:00 a.m.-4:30 p.m. Student Union Sidewalk Art Exhibit. West Campus Quadrangle.
- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Dr. Hugh Anderson.

- 2:00 p.m. The final examination of Mr. Norman Eugene Hoyle for the Ph.D. degree in English. Library Conference Room.
- 4:00 p.m. Chemistry Staff Seminar. Room 01, Chemistry Building. Speaker: Dr. Vivian T. Stannett.
- 4:00 p.m. Economics Departmental Seminar. Room 117, Social Science Building. Speaker: Professor Harry G. Johnson.
- 7:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.
- 8:15 p.m. Students Piano Recital. Asbury Auditorium.
- 8:15 p.m. One Act Plays presented by Play Production Class. Branson Hall.

Saturday, May 7

- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "Alexander Nevsky." From the Soviet Union, Sergei Eisenstein's immortal and spectacular classic depicting the Russian's defeat of the Teutonic Knights in the 13th Century. Original music by Sergei Prokofiev. First time in Durham.
- 8:15 p.m. One Act Plays presented by Play Production class. Branson Hall.

ORDER OF WORSHIP

The Reverend Dr. Donald O. Soper, Minister, West London Mission, London, England will deliver the sermon at the University Service of Worship on Sunday morning, May 1st, at 11:00 a.m. in the University Chapel. The topic of his sermon is "The Christian Revolution."

The Reverend Howard C. Wilkinson Chaplain to the University Presiding Minister	
Prelude: Chorale in E major	<i>Franck</i>
Call to Worship: "The Lord Is in His Holy Temple"	
Hymn: "Jesus Shall Reign"	<i>Harrington</i>
John Hatton	
Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Scripture: Isaiah 61: 1-8	
Hymn: "O Worship the King"	<i>Johann M. Haydn</i>
Call to Prayer	
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication	
The Offering	
Offertory Organ Interlude	
Anthem—Movement III from "Requiem"	<i>Brahms</i>
Response: The Doxology	
Prayer of Dedication	
Sermon: "The Christian Revolution"	
Prayer	
Benediction	
Chorale Response: Sevenfold Amen	<i>Stainer</i>
The Chimes	
Postlude: Dialogue on the Mixtures	<i>Langlais</i>

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, May 1st,

9:45 a.m. Sunday School. Local Churches.

6:15 p.m. Training Union. Local Churches.

Episcopal Student Fellowship:

Sunday, May 1st,

9:30 a.m. Holy Communion. Coffee hour following.
Episcopal Student Center.

6:30 p.m. Evensong and Canterbury Program. Episcopal
Student Center.

Tuesday, May 3rd,

7:10 a.m. Holy Communion. Episcopal Student Center.

Thursday, May 5th,

8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Association:

Sunday, May 1st,

9:45 a.m. Sunday School. Local Churches.
No L.S.A. Meeting—Southeastern Region L.S.A. Meet-
ing.

Wednesday, May 4th,

7:15 a.m. Holy Communion, Memorial Chapel. Rides
from East Campus at 7:05 a.m.

Methodist Student Fellowship:

Sunday, May 1st,

9:15 a.m. Worship. Methodist Student Center.
9:30 a.m. Sunday Seminars. Methodist Student Center.
6:30 p.m. Worship. Methodist Student Center.
7:15 p.m. Dr. John W. Vanderzanden, speaker.

Wednesday, May 4th,

6:00 p.m. Holy Communion. Methodist Student Center.

RELIGIOUS LIFE LECTURE

On Sunday evening May 1st at 7:30 p.m. in 107 Men's Graduate Center, Dr. Donald O. Soper, educated at Cambridge University and London School of Economics and now President of the British Council of Churches will speak on the topic, "Pacifism vs. Power Polities." This lecture-discussion is sponsored by the Graduate Religious Life Committee of the University Religious Council. The public is cordially invited to attend.

FINAL EXAMINATIONS FOR THE PH.D. DEGREE

The final examination of Mr. Carl Martin Meltzer for the Ph.D. degree in Physics will be held on Monday, May 2, 1960, at 2:30 p.m. in Room 218, Physics Building. The subject of Mr. Meltzer's dissertation is "Hyperfragment Production in Helium; The K = Δ Relative Parity." The committee to conduct the

examination consists of Professors Martin M. Block, Harold W. Lewis, Henry W. Newson, Eugene Greuling, and Leonard Carlitz. Professor Block will preside.

The final examination of Mr. James Harve DeLap for the Ph.D. degree in Chemistry will be held on Wednesday, May 4, 1960 at 2:00 p.m. in Room 220, Chemistry Building. The subject of his dissertation is "A Theoretical Study of the Formation of Ion Pairs in Solution." The committee to conduct the examination will consist of Professors J. C. Poirier, C. R. Hauser, W. C. Vosburgh, D. G. Hill, and Eugene Greuling. Professor Poirier will preside.

The final examination of Mr. Norman Eugene Hoyle for the Ph.D. degree in English will be held on Friday, May 6, 1960 at 2:00 p.m. in the Library Conference Room. The subject of his dissertation will be "Melville as a Magazinist." The committee to conduct the examination will consist of Professors Arlin Turner, Clarence Gohdes, C. R. Sanders, Lionel Stevenson, and Richard L. Watson. Professor Turner will preside.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 2nd, in Room 113, Biology Building, at 4:15 p.m. Dr. C. H. Mortimer, The Scottish Marine Station, Millport, Scotland, will speak on, "Water Movements in Large Lakes." Coffee will be served in Room 113, at 3:50 preceding the seminar.

INFORMAL STUDIO RECITALS

The Department of Aesthetics, Art, and Music will present the first in a series of two informal studio recitals by voice students of John Hanks on Monday afternoon, May 2nd at 5:00 p.m. in Asbury Auditorium. The second recital will take place on Monday, May 9th at the same time and place. The public is cordially invited to attend.

GERONTOLOGY SEMINAR

The Gerontology Seminar will meet on Tuesday, May 3rd, at 5:00 p.m. in Room 208, Flowers Building. Dr. Harold F. Falls, Associate Professor of Ophthalmology, University of Michigan School of Medicine, will speak on Ocular Geriatrics.

ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m., on Monday, May 2nd, in the Green Room, East Duke Building. The speaker will be Professor William S. Bush of the Department of Romance Languages, who will discuss "The Scandal of Truth: An Introduction to Georges Bernanos." A cordial welcome is extended to all guests.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, May 3rd, at 4:00 p.m. in Room 135, Physics Building. The speaker, Mr. M. Jawad Saadaldin, will discuss "Generalized Lebesgue Covering Theorem." Coffee will be served at 3:30 p.m. in Room 132, Physics Building.

LILLY LECTURES
PROFESSOR PAUL RAMSEY

The Lilly Endowment Research Program in Christianity and Polities announces a series of three lectures to be given by Professor Paul Ramsey of Princeton University on "War and the Christian Conscience." The first lecture to be presented at 8:00 p.m. on Tuesday, May 3rd, will be "The Just War Theory in St. Augustine and St. Thomas"; the second lecture at 8:00 p.m. on Wednesday, May 4th, will deal with "The Just War Theory in Contemporary Thought"; and the final lecture at 3:30 p.m. on Thursday, May 5th will be entitled "The Fearful Choice." All three lectures will be given in Room 208, Flowers Building, and all members of the University Community are cordially invited to attend.

SPRING CONCERT
MEN AND WOMEN'S CHORUS

The Men's Chorus and Women's Chorus of Duke University, under the direction of William E. Waters, Assistant Director of Choral Activities, will present a Spring Concert on Tuesday evening, May 3rd, 8:15 p.m. in Woman's College Auditorium. The program will include the Schubert "Mass in G" featuring Max Shoaf, baritone; Peggy McLarty, soprano; and John Day, tenor, as soloists; excerpts from "Jeptsha" by Carissimi and excerpts from "Porgy and Bess." Mr. Geoffrey Simon, Student Director of the Men's Chorus and Women's Chorus, will be the accompanist.

Mr. Max Shoaf, of New York City, will also be heard with the Chapel Choir in Brahms "Requiem" on Sunday, May 8th. He is the brother of Rev. Shoaf, Associate Minister of the Duke Memorial Methodist Church.

SEMINAR ON

"THE NERVOUS SYSTEM AND BEHAVIOR"

Dr. Blaine Nashold, Department of Neurosurgery, Duke University Medical Center and V. A. Hospital, will speak on "Observations on Stimulation of Subcortical Structures with Drugs." Dr. Nashold's lecture will take place in the Hospital Amphitheater at 4:00 p.m., Wednesday, May 4th. This is the final lecture of the 1960 interdisciplinary seminar sponsored jointly by the Departments of Anatomy, Physiology, and Psychology.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, May 4th at 4:15 p.m. in Room 113, Biology Building, West Campus. Professor Oswald Tippo, Department of Botany, Yale University, will speak on "The Status of Botany in American Universities."

Professor Tippo, formerly Dean of the Graduate School at the University of Illinois, for the past few years has been Chairman of the Department of Botany at Yale University. He has recently accepted an appointment as President of the University of Colorado.

Tea will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Wednesday, May 4th in Room 114, Physics Building, Duke University, at 8:00 p.m. The speaker will be Dr. L. Radicatti of the Institute of Advanced Study, Princeton University. The topic will be "A Review on the Pion-Pion Resonance."

ALICE WILKINSON
PIANO RECITAL

The Department of Aesthetics, Art and Music will present a piano recital by Alice Wilkinson on Wednesday, May 4th at 8:15 p.m. in Asbury Auditorium. Mrs. Wilkinson is a faculty member in the Department of Aesthetics, Art and Music. The public is cordially invited to attend. Her program will be as follows:

Allegro

Adagio

Molto Allegro

INTERMISSION

Improvisations, Op. 20	Bartok
Ballade in F Major, Op. 38	Chopin
Nocturne in C-sharp minor, Op. 27, No. 1	Chopin
Paganini Etude, No. 6	Liszt

SIDEWALK ART EXHIBIT

The Student Union Music and Arts Committee announces its annual Spring Sidewalk Art, on Thursday and Friday, May 5th and 6th from 9:00 a.m. until 4:30 p.m. The entries will represent the work of the university students for the past year. The committee will award ribbons to the outstanding pieces in the two categories: oil paintings and graphics; etchings, quick sketches, pen-and-ink drawings, charcoal, pastels, and washes.

At the time of the exhibit the annual Duke University Arts Council's Purchase Award of \$50.00 will be announced. All students are eligible, and the purchased work will be added to the Council's collection for rental to members.

The public is invited to enjoy the exhibit in the Union Quadrangle of Duke University's West Campus. Price lists will be available for those interested in purchasing works at the close of the Exhibit.

ZOOLOGY DEPARTMENT
FILM SHOWING

The Zoology Department will hold a showing of Zoological films on Thursday, May 5th, in Room 113, Biology Building, from 6:30 to 8:00 p.m. The program includes films on the following subjects: Crustacea, Mollusca, Protozoa, Coral reefs and associated fauna, and Reptilia.

STUDENT UNION LECTURE
SIR HERBERT READ

The final speaker for the Student Union's Lecture Series will be Sir Herbert Read, British essayist, editor, critic and poet, who will be presented in Page Auditorium on Thursday evening, May 5th at 8:15 p.m. With the assistance of slides Sir Herbert will speak on "The Informal Image in Abstract Art." A question-and-answer period will conclude the session followed by an informal reception for Sir Herbert in the Flowers Lounge. The public is extended a cordial invitation to hear this distinguished scholar.

Sir Herbert has taught and lectured widely in this country and abroad. Currently he holds an Institute of Contemporary Arts Visiting Artist Fellowship for the spring of 1960. This Fellowship is awarded under the Institute's grant from the Ford Foundation to its International Exchange program which enables leading intellectuals from abroad to visit this country for tours of educational centers. Displays of some of Sir Herbert's recent books and articles may be seen in both East and West Library.

CHEMISTRY STAFF SEMINAR

Dr. Vivian T. Stannett, Professor of Polymer Chemistry at Syracuse University, will speak at the Chemistry Staff Seminar on Friday, May 6th, at 4:00 p.m. in Room 01 of the Chemistry Building. The subject of Dr. Stannett's address will be "The Emulsion Polymerization of Vinyl Acetate." All interested persons are invited.

ECONOMICS DEPARTMENTAL SEMINAR

The Economics Departmental Seminar will meet on Friday, May 6th, at 4:00 p.m. in Room 117, Social Science Building. Professor Harry G. Johnson, of the University of Chicago, will speak on "The Cost of Protection and the Scientific Tariff."

STUDENTS PIANO RECITAL

The Department of Aesthetics, Art and Music will present students of Loren Withers in a recital of works for solo piano and piano concerti on Friday, May 6th at 8:15 p.m. in Asbury Auditorium. Eight students will appear. The public is cordially invited to attend. The program follows:

Prelude and Fugue in G sharp Minor	Bach
The Well-Tempered Clavichord	
Neill Andrews '60	
Sonata in D, Op. 28	Beethoven
First Movement: Allegro	
Judy Kellett '61	
Concerto No. 1 in E flat	Liszt
First Movement: Allegro Maestoso	
Dale Volberg '63	
Sinfonia and Capriceo, from Partita in C Minor	Bach
Henry Hester '61	
Concert Etude in D flat	Liszt
Lynne Applebaum '62	
The Hills of Anacapri	Debussy
Nancy Lassiter '63	
Concerto No. 1 in B flat Minor	Tchaikowsky
First Movement: Andante non Troppo; Allegro con Spirito	
Jane Bowness '62	

ONE ACT PLAYS

Three one act plays will be presented at 8:15 p.m. on Friday and Saturday evenings, May 6th and 7th, in Branson Hall under the direction of students from the Play Production Class. The plays are: A scene from "Pygmalion" by G. B. Shaw, directed by Herbert Goldman, '60; "The Lady Larkspur Lotion" by Tennessee Williams, directed by Dick Parks, '62; and "A Game of Chess" by Kenneth S. Goodman, directed by Steve Schuster, '61. The public is invited without charge.

JULIA DALE PRIZE IN MATHEMATICS

Announcement is made of the Julia Dale Prize in Mathematics covering the material in Math 51, Math 52, and Math 53. Students are eligible who are now taking Math 53 and those students who have completed this course (or its equivalent) since last commencement. Cash prizes of approximately \$30.00 for first prize and \$20.00 for second prize are available. The distinction of winning is a valuable asset on a student's record. The names of the winner and the runner-up are listed on the commencement program. The committee reserves the right to withhold the awards if the results of the examination are not of sufficient merit. The examination will be given from 7:00 to 9:00 p.m. on Thursday, May 12th, in Room 132, Physics Building.

STUDENT PHOTOGRAPHY EXHIBIT

The Student Union Music and Arts Committee will sponsor an exhibit of photographs by Carl Krupp, '60, from Princeton, New Jersey in the Alumni Lounge from Thursday, April 28th to Wednesday, May 3rd. A June graduate, Mr. Krupp, has served as head photographer for the yearbook for two years and has placed first in recent campus competition. The exhibit is open to public viewing without charge.

REAL ESTATE RENTAL AND SALE FILE

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DUKE NURSERY SCHOOL ANNOUNCEMENT

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SCIENCE FELLOWSHIP AWARD

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WEEK OF
May 8-14, 1960

WEEK OF
May 8-14, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, May 8

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard Wilkinson, Chaplain to the University. Sermon: "The Motherhood of God." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Garden Concert. Sarah P. Duke Memorial Garden.

8:00 p.m. Chapel Choir Spring Oratorio: "A German Requiem." University Chapel.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, May 9

12:45 p.m. The final examination of Mr. William Riley Wilson for the Ph.D. degree in Religion. Library Conference Room.

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Dr. J. B. Funderburg.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. The final examination of Mr. Harold Ernest Robinson for the Ph.D. degree in Botany. Room 201, Biology Building.

Tuesday, May 10

10:10 a.m. Divinity School Student Body Meeting.

3:00 p.m. Campus Club Tea and Auction. University House.

5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.

8:15 p.m. Concert: Madrigal Singers and Collegium Musicum. Music Room, East Duke Building.

Wednesday, May 11

10:10 a.m. Installation Service for Officers of Divinity School Student Body. York Chapel.

4:30 p.m. Psychology Colloquium. Room 209, Bivins Building. Speaker: Dr. Herbert Kelman.

6:30-11:00 p.m. Gothic Bookshop Sixth Book and Art Auction. Room 208, Flowers Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "My Nine Lives" with Jack Fjeldstad and Henny Moan. Filmed in Norway and based on the Best Seller, "We Die Alone," this de Rochemont film was an Academy Award Nominee and was honored at six International Film Festivals. "No book could match in sheer physical intensity the drama or the sense of naked courage that underlies this film!" Saturday Review. First Durham Showing.
- 8:00 p.m. The Readers Club presents "Personalities in Poetry: An Honr of Readings." Green Room, East Duke Building.
- 8:15 p.m. Chancel Singers Concert. Woman's College Auditorium.

Thursday, May 12

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Holy Communion. The Reverend Harmon L. Smith, Celebrant.
- 2:30 p.m. The final examination of Mr. Francis Walter Patten for the Ph.D. degree in Physics. Room 218, Physics Building.
- 4:00 p.m. Undergraduate Faculty Council Meeting. Room 208, Flowers Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 6:00 p.m. Concilium Meeting. Men's Graduate Center. Speaker: Dr. Waldo Beach.
- 7:30-9:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. Pre-Med Society. Hospital Amphitheater.
- 8:00 p.m. Students Forum presents Boris Goldovsky in "Piano Perspectives." Music Room, East Duke Building.
- 8:00 p.m. Duke-U.N.C. Philosophy Colloquia. Room 213, Caldwell Hall, U.N.C., Chapel Hill, N. C.
- 8:15 p.m. West Campns Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.

Friday, May 13

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Divinity School Choir.
- 2:00 p.m. The final examination of Mr. Charles L. Reid for the Ph.D. degree in Philosophy. Room 211-A, West Duke Building.

- 7:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.
- 8:00 p.m. Duke-U.N.C. Philosophy Colloquia. Room 211-A, West Duke Building.

Saturday, May 14

- 7:10 and 9:00 p.m. Qnadrangle Pictures. Page Auditorium. "My Nine Lives" with Jack Fjeldstad and Henny Moan. Filmed in Norway and based on the Best Seller, "We Die Alone," this de Rochemont film was an Academy Award Nominee and was honored at six International Film Festivals. "No book could match in sheer physical intensity the drama or the sense of naked courage that underlies this film!" Satnrday Review. First Durham Showing.
- 8:30 p.m. Studio Opera. Branson Hall.

ORDER OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday morning, May 8th, at 11:00 a.m. in the University Chapel. The snbjct of his sermon will be "The Motherhood of God."

The Reverend Robert P. Hyatt
Associate Director of Religious Life
Presiding Minister

- Prelude: Chorales Preludes
 "All Glory Be to God on High" *Walther*
 "Deck Thyself, My Soul" *Brahms*
 "Our Father, Who Art in Heaven" *Bach*
- Call to Worship: "The Lord Is in His Holy Temple" *Harrington*
- Hymn: "Praise, My Soul, the King of Heaven" *Psalm CIII*
- Prayer of Confession
- Words of Assurance
- The Lord's Prayer
- Anthem: "Bleed and Break" from *the Passion*
According to St. Matthew *Bach*
- Scripture: Isaiah 66: 12-14, 22-23
- Hymn: "God Is Love; His Merey Brightens" *John Bowring*
- Call to Prayer
- The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition and Dedication
- The Offering
- Offertory Organ Interlude
- Anthem—"Inflammatus" from *Stabat Mater*
- Response: The Doxology
- Prayer of Dedication
- Sermon: "The Motherhood of God"
- Prayer
- Benediction
- Choral Response: "Sevenfold Amen" *Stainer*
- The Chimes
- Postlude: "Rigaudon" *Camora*

DENOMINATIONAL MEETINGS

Baptist Student Union:

Sunday, May 8th,

9:45 a.m. Sunday School. Local Churches.

6:15 p.m. Training Union. Local Churches.

Wednesday, May 11th,

Forum Speaker: Rev. William C. Smith, Jr.

Episcopal Student Fellowship:

Sunday, May 8th,

9:30 a.m. Holy Communion. Episcopal Student Center.

6:30 p.m. Evensong, Canterbury program, installation of officers. Episcopal Student Center.

Tuesday, May 10th,

7:10 a.m. Holy Communion. Episcopal Student Center.

Thursday, May 12th,

8:00 a.m. Holy Communion. Episcopal Student Center.

Lutheran Student Association:

Sunday, May 8th,

9:45 a.m. Sunday School. Local Churches.

6:30 p.m. Installation of officers. Speaker: Dr. Thomas Langford. Subject: "Contemporary Quest for Answers on Problems of Our Time."

Wednesday, May 11th,

7:15 a.m. Holy Communion. Memorial Chapel. Rides from East Campus at 7:05 a.m.

Unitarian Fellowship:

Sunday, May 8th,

7:30 p.m. Speaker: Dr. Charles King, Sociology Department, N. C. College. Room 201, Flowers Building.

GARDEN CONCERT

The Duke Concert Band, Allan Bone, acting conductor, will give an informal Garden Concert on Sunday afternoon, May 8th, at 4:00 p.m. in the pergola of the Sarah P. Duke Memorial Gardens. There will be no admission charge and a cordial invitation is extended to all.

CHAPEL CHOIR SPRING ORATORIO

The Chapel Choir, under the direction of Professor Paul Young, will present "A German Requiem" by Brahms on Sunday evening, May 8th, at 8:00 p.m. in the University Chapel. The soloists will be Alice Riley, soprano and Max Shoaf, baritone. Mr. Eugene Mauney will be the organist. The public is cordially invited to attend.

FINAL EXAMINATIONS FOR THE PH.D. DEGREE

The final examination of Mr. William Riley Wilson for the Ph.D. degree in Religion will be held on Monday, May 9, 1960, at 12:45 p.m. in the Library Conference Room. The subject of his dissertation

will be "The Trial of Jesus—A Judicial, Literary, and Historical Study." The committee to conduct the examination will consist of Professors Kenneth W. Clark, Hugh Anderson, J. L. Price, W. F. Stinespring, and R. S. Rogers. Professor Clark will preside.

The final examination of Mr. Harold Ernest Robinson for the Ph.D. degree in Botany will be held on Monday, May 9, 1960, at 7:30 p.m. in Room 201, Biology Building. The subject of his dissertation will be "Generic Revisions of North American Brachytheciaceae." The committee to conduct the examination will consist of Professors Lewis E. Anderson, Paul J. Kramer, H. J. Oosting, R. L. Wilbur, and D. L. Livingstone. Professor Anderson will preside.

The final examination of Mr. Francis Walter Patten for the Ph.D. degree in Physics will be held on Thursday, May 12, 1960 at 2:30 p.m. in Room 218, Physics Building. The subject of his dissertation will be "Primary and Secondary Free Radicals in Irradiated Biochemicals." The committee to conduct the examination will consist of Professors Walter Gordy, Martin M. Block, Horst Meyer, Hertha Spöner, and J. J. Gergen. Professor Gordy will preside.

The final examination of Mr. Charles L. Reid for the Ph.D. degree in Philosophy will be held on Friday, May 13, 1960, at 2:00 p.m. in Room 211-A, West Duke Building. The subject of his dissertation will be "The Epistemological Value of the Concept of the Given." The committee to conduct the examination will consist of Professors Charles A. Baylis, Bernard Peach, Paul Welsh, Neal Wilson, and William Potcat. Professor Baylis will preside.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 9th, in Room 113, Biology Building, at 4:15 p.m. Dr. J. B. Funderburg, Department of Zoology, will speak on, "The Origin and Distribution of the Seaside Sparrows." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

CAMPUS CLUB TEA AND AUCTION

A Tea and Auction will be held at the final meeting of the Campus Club at the University House, on Tuesday, May 10th, at 3:00 p.m. The Hostess Departments will be Administration, Food Service,

Library, and Physical Education, all of East Campus. The Chairman is Miss Marianna Jenkins; Chairman of the Auction is Mrs. Karl Wilbur; and the Auctioneer will be Mrs. William Murray.

CONCERT: MADRIGAL SINGERS AND COLLEGIUM MUSICUM

The Department of Aesthetics, Art and Music announces a concert by the Duke Madrigal Singers and The Collegium Musicum, William Klenz, conductor, on Tuesday, May 10th at 8:15 p.m. in East Duke Music Room. The public is cordially invited. The following program will be performed.

Kyrie (Mass, "Si la face est Pale")	Dufay
Je ly au eueur de m'amye	du Tertre
Mille regretz	de Pres
Il me semble que la journee	Goudimel
Margot Labourez les vignes	Areadelt
L'Amour de moi	Anon. 16th century (setting W. K.)
Belle qui tiens ma vie	Anon. 16th century
Ce moys de mai	Jannequin
Suite of French Renaissance Dance Music	
Basse-Dance, Branles	
Intermission	
The Silver Swan	Orlando Gibbons
Riddle Song	Anon. (setting W. K.)
Sonata for Recorder and Keyboard	Telemann
Solo Madrigal: "Tempo la Cetra"	Monteverdi
Madrigal: "O Mirtillo, l'anima mia"	Monteverdi

PSYCHOLOGY COLLOQUIUM

Dr. Herbert Kelman, Department of Social Relations, Harvard University, will speak on "Studies on Social Influence" at the Psychology Colloquium on Wednesday, May 11th, in Room 209, Bivins Building, at 4:30 p.m. Coffee will be served at 4:00 p.m.

GOTHIC BOOKSHOP SIXTH BOOK AND ART AUCTION

The Gothic Bookshop's sixth Book and Art Auction will be held on Wednesday, May 11th, from 6:30-11:00 p.m., in 208 Flowers Building. All items to be sold will be on display in Room 208, Flowers Building from 9:00 a.m. on the day of sale. A great many choice and beautiful books, old maps, and a fine selection of water colors of the period 1800-1910 will be offered for sale to the highest bidder. Refreshments will be served and the public is cordially invited to attend.

READERS CLUB PERSONALITIES IN POETRY

On Wednesday, May 11th, at 8:00 p.m., the Readers Club, a student organization, sponsored by Professor Esther Schiverman, will present another in a series of poetry programs: **Personalities in Poetry—An Hour of Readings**. Selections have been made from poetry of several periods, including lyrics by Dylan Thomas, Frost, Spender, Rilke, Wordsworth, and Shelley. The readings will be held in the Green Room, East Duke Building, and the public is cordially invited to attend.

CHANCEL SINGERS CONCERT

The Chancel Singers, under the direction of Professor Paul Young, will present a concert on Wednesday evening, May 11th, at 8:15 p.m. in Woman's College Auditorium. Mr. William E. Waters will be the accompanist. The public is cordially invited to attend. The program will be as follows:

Jesu, Priceless Treasure	Bach
Schicksalslied	Brahms
Christ Lag in Todesbanden	Bach

CONCILIUM MEETING

The last regular meeting of Concilium for the current academic year will be held on Thursday, May 12th, in the Men's Graduate Center, at 6:00 p.m. Professor Waldo Beach will lead a discussion on the topic "The Purpose of the Ph.D. Degree in Religion."

STUDENT FORUM PRESENTS BORIS GOLDOVSKY IN "PIANO PERSPECTIVES"

Boris Goldovsky, master of ceremonies on the Metropolitan Opera News of the Air broadcasts, will present "Piano Perspectives" with music ranging from Scarlatti to Stravinsky in the Music Room in East Duke on Thursday, May 12th at 8:00 p.m. The program is sponsored by the Student Forum Committee and there will be no admission charge.

DUKE-UNC PHILOSOPHY COLLOQUIA

On May 12th and 13th, Professor Stephen Toulmin of Leeds University will be the guest of the Departments of Philosophy at Duke and UNC. On Thursday the 12th, he will speak in Room 213, Caldwell Hall at 8:00 p.m. on "Language and Categories." On Friday, the 13th, at 8:00 p.m., he will speak in Room 211-A, West Duke Building on "Ethics and Morality." Interested members of the University Community are cordially invited.

STUDIO OPERA

The Department of Aesthetics, Art and Music and Duke Players will present "Scenes from Opera" in Branson Hall, East Campus, Saturday, May 14th and Sunday, May 15th at 8:30 p.m. There will be no admission charge, and the University Community and public are cordially invited to attend.

The opera scenes will be:

<i>The Marriage of Figaro</i>	Mozart
<i>Hansel and Gretel</i>	Humperdinck
<i>La Traviata</i>	Verdi
Act One from <i>The Tales of Hoffman</i>	Offenbach

Musical Director is John Hanks. Stage Directors are Kenneth Reardon and Victor Michalak. Narrator will be Earl McCarrol. Dances arranged by Barbara Figge and members of the Modern Dance Group.

CANCELLATION DUKE UNIVERSITY LECTURE

Dr. S. K. Runcorn has been unexpectedly called home to England and his lecture has been cancelled for May 10th.

RENTAL OF ACADEMIC COSTUMES FOR GRADUATION EXERCISES

Faculty members desiring to rent cap, gown, or hood for Graduation Exercises should place their orders with the Duke University Store, Union Building, prior to May 12th. For further information, or to place an order, please call extension 2344, Miss Davis, or Mr. Wellons.

ADVANCE NOTICE N. C. SYMPHONY CONCERT

On Tuesday evening, May 17th, at 8:30 p.m. the North Carolina Symphony will present its annual

Durham concert at the Woman's College Auditorium. Benjamin Swalin conducts the State Symphony which will be joined by violinist Kenji Kobayashi as guest soloist, playing the Mendelssohn Violin Concerto. Featured on the program will be Beethoven's Fifth Symphony. Members of the Durham Chapter of the Symphony Society may attend this concert on presentation of their membership cards. All Duke students will be admitted free of charge. Wednesday evening the state orchestra will close its fifteenth annual season with a concert in Sanford. This year the orchestra has given 107 concerts in nearly 50 communities across the state.

The program follows:

Toccata and Fugue in D Minor	Bach
(as transcribed for orchestra by Leopold Stokowski)	
Symphony No. 5, Opus 67	Beethoven
Intermission	
Concerto for Violin and Orchestra in	
E Minor, Op. 64	Mendelssohn
Dance Rhythms	Riegger
Overture to opera "Benvenuto Cellini"	Berlioz

CHAPEL SPEAKER

Dr. George A. Buttrick, chaplain to Harvard University will preach at the eleven o'clock Service of Worship in the University Chapel on Sunday, May 15th.

PRELIMINARY NOTICE FACULTY CLUB PICNIC

The annual Faculty Club Picnic will be held on Hanes Field, East Campus, on Saturday, May 21st, with activities beginning at 4:00 p.m. Notices with details will be mailed to all members next week and will include a return card for reservations.

REVISED PROGRAM OF MEDICAL CARE

The University Council urges upon the Faculty the importance of a prompt reply to the query which has been sent by the Fringe Benefits Committee to all present participants in the University Hospital and Medical Plans asking for approval of the Revised Program of Medical Care recently endorsed by the Council as a highly desirable improvement on the present plan.

1960-'61 ARTISTS' SERIES

The 1960-'61 Duke University Artists' Series will consist of the following attractions:

Marcel Marceau and Company World's Greatest Pantomimist	Friday, November 11th
Vronsky and Babin, Duo-Pianists	Tuesday, December 6th
The Detroit Symphony Orchestra Paul Paray, Conducting	Friday, February 17th
George London, Bass-Baritone	Friday, March 10th
The National Ballet of Canada	Thursday, April 13th

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WEEK OF
May 15-21, 1960

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May 15-21, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, May 15

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor George A. Buttrick, Preacher to Harvard University. Sermon: "The Nature of Truth." Broadcast over Radio Station WDNC and WDNC-FM.
4:00 p.m. Garden Concert. Sarah P. Duke Memorial Gardens.
8:30 p.m. Studio Opera. Branson Hall.

9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, May 16

4:15 p.m. Zoology Departmental Seminar. Room 113, Biology Building. Speaker: Mr. Donald S. Douglas.

Tuesday, May 17

10:10 a.m. Divinity School Morning Chapel. Dr. Orval Wintermute. York Chapel.

- 2:00 p.m. The final examination of Mr. John Morgan Flowers, Jr. for the Ed.D. degree in Education. Room 08-A, West Duke Building.
5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
6:00 p.m. University Religious Council Dinner. Men's Graduate Center.
8:30 p.m. North Carolina Symphony Concert. Woman's College Auditorium.

Wednesday, May 18

- 10:10 a.m. Divinity School Morning Chapel. Dr. Orval Wintermute. York Chapel.
2:00 p.m. Joint Air Force-Navy Parade and Review. Freshman Field. (Inclement weather—Page Auditorium.)
4:15 p.m. Botany Seminar. Room 113, Biology Building. Speaker: Mr. Wilfred B. Schofield.
4:30 p.m. Piano Recital: Students of Alice Wilkinson. Asbury Auditorium.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.

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7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Mad Little Island" with Jeanne Carson, Donald Sinden, and Roland Culver. "Hilarious! Those whimsical Scotch scofflaws of 'Tight Little Island' are cutting loose again! Results are hysterical as ever."—Cook, World Tel. and Sun.

Thursday, May 19

- 10:10 a.m. Divinity School Morning Chapel. Installation of new student body officers and covenant service. York Chapel.
- 2:00 p.m. Final Examination of Mr. Desmond Sidney Jackson for the D.F. degree. Room 322, Social Science Building.
- 3:00 p.m. Newcomer's Club Meeting. At the home of Mrs. Paul J. Kramer, 2251 Cranford Road.
- 4:00 p.m. Graduate School Faculty Meeting. Room 208, Flowers Building.
- 5:00 p.m. Spring Semester classes end.
- 5:00-6:00 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
- 8:00 p.m. Pre-Med Society meeting. Hospital Amphitheater.
- 8:15 p.m. Student Union presents "Dukes of Dixieland." Indoor Stadium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by parents.
- 8:15 p.m. Piano Recital of Students of Alice Wilkinson. Asbury Auditorium.

Friday, May 20

- 10:00 a.m. Final examination of Mr. William G. Carter for the Ph.D. degree in Zoology. Room 216, Biology Building.
- 10:00 a.m. The final examination of Mr. Donald K. Freedheim for the Ph.D. degree in Psychology. Room 204, Bivins Building.
- 10:10 a.m. Divinity School Morning Chapel. Closing Service. Dr. McMurry Richey and Mrs. Richard Bowyer. York Chapel.
- 1:30 p.m. Engineering Lecture: "Present Dilemmas in Engineering Education." Speaker: Dr. Gordon S. Brown. Conference Room 101, Office of Ordnance Research.
- 2:00 p.m. Final examination of Mr. Guy L. Taylor for the Ed.D. degree in Education. Room 08-A, West Duke Building.
- 4:00 p.m. Senior Recital: Martin Reed. Asbury Auditorium.

6:45 p.m. Trinity College Historical Society Meeting, Pine Room, Carolina Inn, Chapel Hill, N.C.

8:00 p.m. Sigma Xi Lecture. Speaker: Dr. Walter Gordy, Room 114, Physics Building.

Saturday, May 21

- 2:00 p.m. Final examination of Mr. Edward E. C. Clebsch for the Ph.D. degree in Botany. Room 116, Science Building.
- 4:00 p.m. Annual Faculty Club Picnic. East Campus, Hanes Field.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Mad Little Island" with Jeanne Carson, Donald Sinden, and Roland Culver. "Hilarious! Those whimsical Scotch scofflaws of 'Tight Little Island' are cutting loose again! Results are hysterical as ever."—Cook, World Tel. and Sun.

ORDER OF WORSHIP

The Reverend Professor George A. Buttrick, Preacher to Harvard University, will deliver the sermon at the University Service of Worship on Sunday morning, May 15th, at 11:00 a.m. in the University Chapel. The subject of his sermon will be "The Nature of Truth." The Order of Service follows:

- The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister
- Prelude: "Grave" from *Concerto I* Bach
"Adagio" from *Sonata I* Bach
- Call to Worship: "The Lord Is in His Holy Temple" Harrington
- Hymn: "When Morning Gilds the Skies" From the German
- Prayer of Confession
- Words of Assurance
- The Lord's Prayer
- Anthem: "O Heart Subdued with Grieving" Brahms
- Scripture: John 18: 33-38
- Hymn: "O Word of God Incarnate" How
- Call to Prayer
- The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
- The Offering
- Offertory Organ Interlude
- Anthem: "Now Are We the Sons of God" O'Connor-Morris
- Response: The Doxology
- Prayer of Dedication
- Sermon: "The Nature of Truth"
- Prayer
- Benediction
- Choral Response: "Sevenfold Amen" Stainer
- The Chimes
- Postlude: "Fugue in E Flat" Saint-Saens

DENOMINATIONAL MEETINGS

Lutheran Student Association:

Sunday, May 15th,

- 9:45 a.m. Sunday School, local churches.
6:30 p.m. Holy Communion, East Duke Chapel. Rides from West Campus leave at 6:15 p.m.

Wednesday, May 18th,

- 7:15 a.m. Holy Communion. Memorial Chapel. Rides leave from East Campus Circle at 7:05 a.m.

Unitarian Fellowship:

Sunday, May 15th,

- 2:00-7:00 p.m. Annual picnic at the farm of Dr. Vosburg.

Westminster Fellowship:

Sunday, May 15th,

- 9:30 a.m. Presbyterian Bible Class. 201 Flowers Building.
6:15 p.m. Speaker: Dr. Thomas Cordle. Subject: "Albert Camus' 'The Stranger'." The Ark.

GARDEN CONCERT

The Duke Concert Band, Allan Bone, acting conductor, will give an informal Garden Concert on Sunday afternoon, May 15th, at 4:00 p.m. in the pergola of the Sarah P. Duke Memorial Gardens. There will be no admission charge and a cordial invitation is extended to all.

STUDIO OPERA

The Department of Aesthetics, Art and Music and Duke Players will present "Scenes from Opera" in Branson Hall, East Campus, on Sunday, May 15th at 8:30 p.m. There will be no admission charge, and the University Community and public are cordially invited to attend.

The opera scenes will be:

<i>The Marriage of Figaro</i>	Mozart
<i>Hansel and Gretel</i>	Humperdinck
<i>La Traviata</i>	Verdi
Act One from <i>The Tales of Hoffman</i>	Offenbach

Musical Director is John Hanks. Stage Directors are Kenneth Reardon and Victor Michalak. Narrator will be Earl McCarrol. Dances arranged by Barbara Figge and members of the Modern Dance Group.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 16th, in Room 113, Biology Building, at 4:15 p.m. Mr. Donald S. Douglas, Department of Zoology, will speak on, "Bird Study in Antarctica." Coffee will be served in Room 113 at 3:50 preceding the seminar.

FINAL EXAMINATION FOR THE Ed.D. DEGREE

The final examination of Mr. John Morgan Flowers, Jr. for the Ed.D. degree in Education will be held on Tuesday, May 17, 1960, at 2:00 p.m. in Room 08-A, West Duke Building. The subject of Mr. Flowers' dissertation will be "A Study of Selected Viewpoints Pertaining to Science Education in the United States." The committee to conduct the examination will consist of Professors Thomas D. Reynolds, W. H. Cartwright, Olan Petty, John H. Saylor, and W. A. Stumpf. Professor Reynolds will preside.

UNIVERSITY RELIGIOUS COUNCIL DINNER MEETING

The final meeting of the Duke University Religious Council for the current academic year will be held Tuesday, May 17th at 6:00 p.m. in the private dining rooms of the Men's Graduate Center. This is for all members of the Council who have served during this year and for all who have been elected or appointed to serve during 1960-61. Officers of the Council, newly elected who are to serve during the coming year are as follows: Chairman, Dr. Pelham Wilder, Jr.; Vice-chairman, Mr. Addison Penfield, Jr.; Secretary, Dr. John Artley; Treasurer, Miss Carol Seaton; Assistant Treasurer, Mr. Harold Robinson, Jr.

N. C. SYMPHONY CONCERT

On Tuesday evening, May 17th, at 8:30 p.m. the North Carolina Symphony will present its annual Durham concert at the Woman's College Auditorium. Benjamin Swalin conducts the State Symphony which will be joined by violinist Kenji Kobayashi as guest soloist, playing the Mendelssohn Violin Concerto. Featured on the program will be Beethoven's Fifth Symphony. Members of the Durham Chapter of the Symphony Society may attend this concert on presentation of their membership cards. All Duke students will be admitted free of charge. Wednesday evening the state orchestra will close its fifteenth annual season with a concert in Sanford. This year the orchestra has given 107 concerts in nearly 50 communities across the state.

The program follows:

Toccata and Fugue in D Minor	Bach
(as transcribed for orchestra by Leopold Stokowski)	
Symphony No. 5, Opus 67	Beethoven
Intermission	
Concerto for Violin and Orchestra in E Minor, Op. 64	Mendelssohn
Dance Rhythms	Riegger
Overture to opera "Benvenuto Cellini"	Berlioz

JOINT AIR FORCE-NAVY PARADE AND REVIEW

The Joint Air Force-Navy Parade and Review will be held on Wednesday, May 18th at 2:00 p.m. on Freshman Field (inclement weather—Page Auditorium). All members of the University faculty, staff and their families and friends are invited to attend.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, May 18th, at 4:15 p.m. in Room 113, Biology Building, West Campus. Mr. Wilfred B. Schofield, Department of Botany, will speak on "The Ecotone between the Spruce-fir and Deciduous Forest in the Great Smoky Mountains."

STUDENT PIANO RECITAL

The Department of Aesthetics, Art, and Music will present a piano recital by students of Alice Wilkinson on Wednesday, May 18th at 4:30 p.m. in Asbury Auditorium. The public is cordially invited to attend.

FINAL EXAMINATION FOR THE DOCTOR OF FORESTRY DEGREE

The final examination of Mr. Desmond Sidney Jackson for the D.F. degree will be held on Thursday, May 19, 1960, at 2:00 p.m. in Room 322, Social Science Building. The subject of his dissertation will be "The Homoclinal of Slash Pine." The committee to conduct the examination will consist of Professors Frank W. Woods, W. D. Billings, F. X. Schumacher, C. W. Ralston, and E. S. Harrar. Professor F. W. Woods will preside.

NEWCOMERS CLUB MEETING

The Newcomers Club will meet for tea at the home of Mrs. Paul J. Kramer, 2251 Cranford Road, on Thursday, May 19th at 3:00 p.m. All members are extended a cordial invitation to attend this final function of the school year.

THE GRADUATE SCHOOL FACULTY MEETING

The Graduate School Faculty will meet at 4:00 p.m. in Room 208, Flowers Building, on Thursday, May 19th.

STUDENT UNION SPONSORS "DUKES OF DIXIELAND"

The Student Union will present the popular "Dukes of Dixieland" on Thursday, May 19th, at 8:15 p.m. at the Indoor Stadium. General admission will be \$1.00 per person.

The Dukes were formed 10 years ago and have kept alive the best traditions of true Dixieland jazz. They come to us from a five year engagement at the **Famous Door** in New Orleans and the **Dunes** in Las Vegas.

STUDENT PIANO RECITAL

The Department of Aesthetics, Art, and Music will present a piano recital by students of Alice Wilkinson on Thursday, May 19th at 4:30 p.m. in Asbury Auditorium. The public is cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William G. Carter for the Ph.D. degree in Zoology will be held on Friday, May 20, 1960 at 10:00 a.m. in Room 216, Biology Building. The subject of Mr. Carter's dissertation will be "The Distribution of Ants in the North Carolina Piedmont." The committee to conduct the examination will consist of Professors I. E. Gray, J. R. Bailey, C. G. Bookhout, E. C. Horn, and W. D. Billings. Professor Gray will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Donald K. Freedheim for the Ph.D. degree in Psychology will be held on Friday, May 20, 1960 in Room 204, Bivins Building, at 10:00 a.m. The subject of Mr. Freedheim's dissertation will be "Masculinity and Parental Role Conceptions." The committee to conduct the examination will consist of Professors L. J. Borstelmann, Karl Zener, C. A. Boneau, E. H. Rodnick, and Alan C. Kerckhoff. Professor Borstelmann will preside.

ENGINEERING LECTURE

A lecture on "Present Dilemmas in Engineering Education" will be presented by Dr. Gordon S. Brown, Dean of Engineering, Massachusetts Institute of Technology, on Friday, May 20th at 1:30 p.m. in the Conference Room 101, Office of Ordnance Research. All interested persons are invited to attend.

FINAL EXAMINATION FOR THE Ed.D DEGREE

The final examination of Mr. Guy L. Taylor for the Ed.D. degree in Education will be held on Friday, May 20, 1960 at 2:00 p.m. in Room 08-A, West Duke Building. The subject of Mr. Taylor's dissertation will be "School Decisions Affecting Public School Administration in Georgia." The committee to conduct the examination will consist of Professors E. C. Bolmeier, Allan S. Hurlburt, Olan L. Petty, W. A. Stumpf, and Francis Paschal. Professor Bolmeier will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Edward E. C. Clebsch for the Ph.D. degree in Botany will be held on Saturday, May 21, 1960 at 2:00 p.m. in Room 116, Science Building. The subject of Mr. Clebsch's dissertation will be "Comparative Morphological and Physiological Variation in Arctic and Alpine Populations of *Trisetum Spicatum*." The committee to conduct the examination will consist of Professors W. D. Billings, P. J. Kramer, H. J. Oosting, A. W. Naylor, C. W. Ralston, and R. A. McCracken. Professor Billings will preside.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

The Trinity College Historical Society will meet in the Pine Room of the Carolina Inn, Chapel Hill, North Carolina, at 6:45 p.m. on Friday, May 20th. After the election of next year's officers, Theodore Crane, Instructor in History at Duke will speak on "Francis Wayland: Political Economist as Educator." Each plate for this dinner will cost \$2.50 including tax and gratuity and will be payable to the Treasurer of the Society, Mr. DeWayne Dutton, at the dinner. Those planning to attend, are asked to inform the president of the Society at Carrel 613 in the Library or at the Department of History in Allen Building. In addition, any member who needs transportation or who can provide it, should inform the president or Mrs. Phillips as quickly as possible. The deadline for all responses is Tuesday noon, May 17th.

SIGMA XI LECTURE

Dr. Walter Gordy, James B. Duke Professor of Physics, will speak on "A Maser," at the Sigma Xi Lecture on Friday, May 20th at 8:00 p.m. in Room 114, Physics Building. Dr. Gordy's research is in the field of Microwave and Radio-frequency Spectroscopy, including the application of resonance techniques to Biophysics. Initiation of new members and election of officers will also take place.

FACULTY CLUB PICNIC

The annual Faculty Club Picnic will be held on Saturday, May 21st on East Campus, Hanes Field. Festivities will begin at 4:00 p.m. including softball, putting and volleyball for the adults. For the children, swimming will be possible from 4:15-5:00 p.m. and other activities will include pony rides, fire trucks, and sport cars.

The food will be served Community Style. Lemonade and ice cream will be provided.

CANCELLATION ORGAN AND VOICE RECITAL

The organ and voice recital by students of Mildred Hendrix and John Hanks scheduled for Sunday, May 15th, at 4:00 p.m. in the Methodist Student Center has been cancelled.

SCHEDULING NOTICE

Information for the printed **University Fall Activities Calendar**, published and distributed by the Student Union, must be in 202-A Flowers Building by May 20th. Faculty and staff members scheduling events for the 1960-61 academic year are urged to record these dates as soon as possible.

VISITING LECTURESHIPS AVAILABLE

Announcement is made of the availability of Visiting Lectureships at the University of Baghdad for 1960-61, in a variety of disciplines. Interested faculty should make inquiries at once at 220 Allen, since early application is necessary.

Announcements have also been received of a Seminar in Indian Civilization to be held at an unspecified Indian University in the summer of 1961. Details are available at 220 Allen.

GRADUATION OUTDOOR RECEPTION

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this Reception is to be held on Sunday, June 5th, at 6:00 p.m. on the lawn in front of East Duke Building. All faculty members and their wives are cordially invited to attend. If it rains, the Reception will be held in the Woman's College Union.

REVISED PROGRAM OF MEDICAL CARE

The University Council urges upon the Faculty the importance of a prompt reply to the query which has been sent by the Fringe Benefits Committee to all present participants in the University Hospital and Medical Plans asking for approval of the Revised Program of Medical Care recently endorsed by the Council as a highly desirable improvement on the present plan.

REAL ESTATE RENTAL AND SALE FILE

A file of houses and apartments for rent or sale is being kept at the Information Desk in Flowers Build-

ing for the convenience of the University Community. Anyone having available an apartment or house for rent this coming summer is asked to submit the details in writing to 202-A Flowers Building so that the file might be kept up to date.

DINING HALLS COMMENCEMENT SCHEDULE 1960

Saturday, June 4th

	<i>Dining Hall A</i>	<i>Dining Hall D</i>	<i>Oak Room</i>
Breakfast		7:00-11:00	
Lunch		11:30- 1:30	11:30- 2:00
Dinner		5:30- 6:30	5:00- 7:00

Sunday, June 5th

Breakfast	7:00-9:15	7:00-10:30	
Lunch	11:30-1:30	11:30- 1:30	11:30- 2:00
Dinner		5:00- 6:30	5:00- 7:00

Monday, June 6th

Breakfast	7:00-9:15	7:00-11:00	
Lunch	11:30-1:30	11:30- 1:30	11:30- 2:00
Dinner		5:00- 6:30	

WEEK OF
May 22-28, 1960

WEEK OF
May 22-28, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, May 22

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Hugh Anderson, Associate Professor of Biblical Theology. Sermon: "... With All Thy Strength and With All Thy Mind." Broadcast over Radio Station WDNC and WDNC-FM.
9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, May 23

- 9:30 a.m. The final examination of Mr. Henry Allen Hargreaves for the Ph.D. degree in English. Room 312, Allen Building.
2:00 p.m. The final examination of Mr. Truman Frederick Keefer for the Ph.D. degree in English. Room 312, Allen Building.
4:30-5:30 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Tuesday, May 24

- 2:00 p.m. The final examination of Mr. Pho Byung Han for the Ph.D. degree in Economics. Library Conference Room.
4:30-5:30 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Wednesday, May 25

- 9:00 a.m. The final examination of Mrs. Carolyn Herbert Smith for the Ph.D. degree in English. Room 312, Allen Building.
10:00 a.m. The final examination of Mr. Clyde R. Ferguson for the Ph.D. degree in History. Library Conference Room.
3:30 p.m. The final examination of Mr. George Greenberg for the Ph.D. degree in Psychology. Room 204, Bivins Building.
4:30-5:30 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.
7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Law is the Law" with France's most famous funny man FERNANDEL vs. Italy's greatest clown TOTO. "Absolutely priceless."—Crowther, N. Y. Times. First time in Durham.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

8:00 p.m. Joint Duke-UNC Physics Colloquium.
Room 114, Physics Building.

Thursday, May 26

9:00 a.m. The final examination of Mr. Robert D. Langston for the Ph.D. degree in Psychology.
Room 204, Bivins Building.

3:00 p.m. The final examination of Mr. Herbert Crovitz for the Ph.D. degree in Psychology.
Room 204, Bivins Building.

4:30-5:30 p.m. Free swimming, East Campus pool.
Open to women students, staff, faculty, and
faculty wives.

Friday, May 27

3:30 p.m. The final examination of Mr. Louis Hodges for the Ph.D. degree in Religion. Library Conference Room.

4:30-5:30 p.m. Free swimming, East Campus pool.
Open to women students, staff, faculty, and
faculty wives.

Saturday, May 28

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Law is the Law" with France's most famous funny man FERNANDEL vs. Italy's greatest clown TOTO. "Absolutely priceless."—Crowther, N. Y. Times. First time in Durham.

ORDER OF WORSHIP

The Reverend Dr. Hugh Anderson, Associate Professor of Biblical Theology will deliver the sermon at the University Service of Worship on Sunday morning, May 22nd, at 11:00 a.m. in the University Chapel. His topic will be "... With All Thy Strength and With All Thy Mind." The order of service follows:

The Reverend Howard C. Wilkinson
Chaplain to the University
Presiding Minister

Prelude: "Three Schubler Chorale Preludes" *Bach*
Call to Worship: "The Lord Is in His Holy Temple" *Harrington*

Hymn: "Holy, Holy, Holy" *Reginald Heber*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem: "Agnus Dei" from *Requiem* *Fauré*

Scripture: Mark 12:28-34

Hymn: "God is Love" *John Bowring*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem: "Libera Me," from *Requiem*

Response: The Doxology

Prayer of Dedication

Sermon: "... With All Thy Strength and With All Thy Mind,"

Prayer

Benediction

Choral Response: Sevenfold Amen

Stainer

Postlude: "Fantasia in G Minor"

Bach

DENOMINATIONAL MEETINGS

Lutheran Student Association

Sunday, May 22nd,

9:45 a.m. Sunday School. Local Churches.

6:30 p.m. L.S.A. At the Home of the Johnsons. (Rides leave East Campus circle at 6:00 p.m. and West Campus Chapel steps at 6:10 p.m.)

Wednesday, May 25th,

7:15 a.m. Holy Communion. Memorial Chapel. (Rides leave from East Campus Circle at 7:05 a.m.)

Westminster Fellowship

Sunday, May 22nd,

9:30 a.m. Presbyterian Bible Class. 201 Flowers Building.

6:15 p.m. Westminster Fellowship. Speaker: Dr. William C. Bennett, Jr.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Henry Allen Hargreaves for the Ph.D. degree in English will be held on Monday, May 23, 1960 at 9:30 a.m. in Room 312, Allen Building. The subject of Mr. Hargreaves dissertation will be "The Life and Plays of Mrs. Aphra Behn." The committee to conduct the examination will consist of Professors Charles E. Ward, Joseph A. Bryant, Benjamin Boyce, John H. Fisher, and Arthur Ferguson. Professor Ward will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Truman Frederick Keefer for the Ph.D. degree in English will be held on Monday, May 23, 1960, at 2:00 p.m. in Room 312, Allen Building. The subject of Mr. Keefer's dissertation will be "The Literary Career and Literary Productions of Ernest Poole, American Novelist." The committee to conduct the examination will consist of Professors Clarence Gohdes, Arlin Turner, Charles Feerton, Benjamin Boyce, and Richard L. Watson. Professor Gohdes will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Pho Byung Han for the Ph.D. degree in Economics will be held on Tuesday, May 24, 1960, at 2:00 p.m. in the Library Conference Room. The subject of Mr. Han's dissertation will be "The Lange-Patinkin Controversy Over the 'Classical' Monetary Theory: A Critique." The committee to conduct the examination will consist of Professors Edward C. Simmons, Allan M. Cartter, J. J. Spengler, B. U. Rateford, and R. R. Wilson. Professor Simmons will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Carolyn Herbert Smith for the Ph.D. degree in English will be held on Wednesday, May 25, 1960 at 9:00 a.m. in Room 312, Allen Building. The subject of Mrs. Smith's dissertation will be "Journey, Ordeal, Recovery: Metaphoric Patterns in Meredith's Early Prose and Poetry, 1849-1859." The committee to conduct the examination will consist of Professors Lionel Stevenson, Charles Ward, Benjamin Boyce, Merle Bevington, and Ernest Nelson. Professor Stevenson will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Clyde R. Ferguson for the Ph.D. degree in History will be held on Wednesday, May 25, 1960 at 10:00 a.m. in the Library Conference Room. The subject of Mr. Ferguson's dissertation will be "General Andrew Pickens." The committee to conduct the examination will consist of Professors John R. Alden, Theodore Ropp, Harold T. Parker, John Tate Lanning, and Arlin Turner. Professor Alden will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. George Greenberg for the Ph.D. degree in Psychology will be held on Wednesday, May 25, 1960 at 3:30 p.m. in Room 204, Bivins Building. The subject of Mr. Greenberg's dissertation is "Visual Induction of Eye Torsion, as Measured With an After-Image Technique, in Relation to Visual Perception of the Vertical." The committee to conduct the examination will consist of Professors Karl Zener, Gregory A. Kimble, Irving Diamond, Romane Clark, and Louis Cohen. Professor Zener will preside.

JOINT DUKE-UNC PHYSICS COLLOQUIUM

The Joint Duke-UNC Physics Colloquium will meet Wednesday, May 25th in Room 114, Physics Building, Duke University at 8:00 p.m. The speaker will be Dr. S. Moszkowski of the University of California, Los Angeles. The topic will be "Properties of Nuclear Matter."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert D. Langston for the Ph.D. degree in Psychology will be held on Thursday, May 26, 1960 in Room 204, Bivins Building, at 9:00 a.m. The subject of Mr. Langston's dissertation will be "Children's Overt and Fantasy Aggression Toward Peers as a Function of Perceived

Severity of Parental Punishment." The committee to conduct the examination will consist of Professors Lloyd J. Borstelmann, Bingham Dai, Gregory A. Kimble, Charles A. Spielberger, and Henry Weitz. Professor Borstelmann will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Herbert Crovitz for the Ph.D. degree in Psychology will be held on Thursday, May 26, 1960 at 3:00 p.m. in Room 204, Bivins Building. The subject of his dissertation will be "Patterns of Relative Localization of an Odd Element in a Visual Grouping as a Function of Laterality Characteristics and Tendencies to Eye Movement." The committee to conduct the examination will consist of Professors Karl E. Zener, Mercedes Gaffron, Sigmund Koch, Paul Daston, and Paul Welsh. Professor Zener will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Louis Hodges for the Ph.D. degree in Religion will be held on Friday, May 27, 1960 at 3:30 p.m. in the Library Conference Room. The subject of Mr. Hodges' dissertation will be "A Christian Analysis of Selected Contemporary Theories of Racial Prejudice." The committee to conduct the examination will consist of Professors Waldo Beach, Robert Cushman, Shelton Smith, Guy Ranson, and I. B. Holley. Professor Beach will preside.

CHAMBER ARTS SOCIETY

Preliminary announcement of concerts for 1960-61.
Saturday, October 8
New York String Sextet
(Renato Bonacini, Allan Schiller, Paul Doktor, Clifford Richter, Benar Heifetz, Janos Scholz)
Saturday, November 19
Hungarian String Quartet
Saturday, December 10
Duo Di Roma
(Piano and violoncello: Ornella Santoliquido, Massimo Amfitheatrof)
Saturday, January 21, 1961
Vienna Octet
Saturday, February 18
Quartetto Italiano
Letters with information and membership application forms will be sent out early in September. The Chairman of the Committee of the Society is Dr. Ernest W. Nelson, Box 6065, College Station.

REAL ESTATE RENTAL AND SALE FILE

A file of houses and apartments for rent or sale is being kept at the Information Desk in Flowers Building for the convenience of the University Community. Anyone having available an apartment or house for

rent this coming summer is asked to submit the details in writing to 202-A Flowers Building so that the file might be kept up to date.

1960-'61 ARTISTS' SERIES

The 1960-'61 Duke University Artists' Series will consist of the following attractions:

Marcel Marceau and Company World's Greatest Pantomimist	Friday, November 11th
Vronsky and Babin, Duo-Pianists	Tuesday, December 6th
The Detroit Symphony Orchestra Paul Paray, Conducting	Friday, February 17th
George London, Bass-Baritone	Friday, March 10th
The National Ballet of Canada	Thursday, April 13th

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building, by calling Extension 2911 or by writing Box KM, Duke Station.

SCIENCE FELLOWSHIP AWARD

Announcement is made of the Selby Fellowship, Australia Academy of Science, to be awarded in any branch of physical or biological science for tenure at any university or research institute in Australia. Stipend is set at 1500 pounds per year, with allowance for dependents. Deadline for applications is June 20, 1960. Full details may be obtained in 220 Allen Building.

DUKE NURSERY SCHOOL ANNOUNCEMENT

The Duke University Nursery School is now accepting applications for the 4 and 8 week summer play school sessions, at all pre-school ages. For the Fall, 1960 session there will be several openings in the three and four year old groups. For further information please contact Miss Marie Hinman, University extension 3673 or 8-9382.

HOST PLAN FOR INTERNATIONAL STUDENTS

The Interfaith and Fellowship Committee of the University Religious Council is working in connection with the Durham Junior League to establish a Host Family Plan for the international students at Duke. This program, which will be put into effect next September, will help to alleviate to some extent the lack of interest now shown these students. We feel that this program will benefit the host families, as well as the students, as vital lines of communication are opened. If you would be willing to serve as host to one of the students, will you please get in touch with Rev. William C. Smith, Box 4351, Duke Station.

REVISED PROGRAM OF MEDICAL CARE

The University Council urges upon the Faculty the importance of a prompt reply to the query which has been sent by the Fringe Benefits Committee to all present participants in the University Hospital and Medical Plans asking for approval of the Revised

Program of Medical Care recently endorsed by the Council as a highly desirable improvement on the present plan.

DINING HALLS COMMENCEMENT SCHEDULE 1960

Saturday, June 4th

	Dining Hall A	Dining Hall D	Oak Room
Breakfast	7:00-11:00		
Lunch	11:30- 1:30	11:30- 1:30	11:30- 2:00
Dinner	5:30- 6:30		5:00- 7:00

Sunday, June 5th

Breakfast	7:00-9:15	7:00-10:30	
Lunch	11:30-1:30	11:30- 1:30	11:30- 2:00
Dinner	5:00- 6:30		5:00- 7:00

Monday, June 6th

Breakfast	7:00-9:15	7:00-11:00	
Lunch	11:30-1:30	11:30- 1:30	11:30- 2:00
Dinner	5:00- 6:30		

GRADUATION OUTDOOR RECEPTION

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this Reception is to be held on Sunday, June 5th, at 6:00 p.m. on the lawn in front of East Duke Building. All faculty members and their wives are cordially invited to attend. If it rains, the Reception will be held in the Woman's College Union.

LIBRARY SUMMER SCHEDULE

The Libraries will be open and operating according to the following schedules during the summer sessions, June 11th through August 20th.

General Library	
Mondays-Fridays	8:00 a.m.-10:00 p.m.
Saturdays	8:00 a.m.- 6:00 p.m.
Sundays	2:00 p.m.- 6:00 p.m.

Woman's College Library	
Mondays-Fridays	8:30 a.m.- 4:30 p.m.
Saturdays	8:30 a.m.- 1:00 p.m.
Sundays	Closed

Other school, college, and departmental libraries generally will be open only during the day, Mondays through Saturdays. Schedules will be posted in those libraries.

Interim period, June 1st through June 10th

General Library	
Wednesday, June 1	8:00 a.m.-5:00 p.m.
Thursday, June 2-Friday, June 3	9:00 a.m.-5:00 p.m.
Saturday, June 4	9:00 a.m.-5:00 p.m.
Sunday, June 5	Closed
Monday, June 6-Friday, June 10	9:00 a.m.-5:00 p.m.
Saturday, June 11	Summer Session Schedule Begins
Woman's College Library	
Wednesday, June 1	8:00 a.m.-5:00 p.m.
Thursday, June 2	Begin Summer Session Schedule

WEEK OF
May 29-June 4, 1960

WEEK OF
May 29-June 4, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, May 29

- 10:30-10:45 a.m. Carillon Recital. Geoffrey Simon, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor McMurry S. Richey, Associate Professor of Theology and Christian Nurture. Sermon: "Reflections on Two Commas." Broadcast over Radio Station WDNC and WDNC-FM.
- 5:30 p.m. G. E. College Bowl: Duke versus Rutgers. T.V. Channel 2, Greensboro.
- 9:30-10:30 p.m. "Concert Hall," a weekly program of recorded classical music sponsored by the Duke Arts Council. Radio Station WTIK, Durham.

Monday, May 30

- 3:30 p.m. The final examination of Mr. Gunter Sommer for the Ph.D. degree in Religion. Library Conference Room.
- 4:30-5:30 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Tuesday, May 31

- 9:00 a.m. The final examination of Mr. Robert Lee Zimmerman for the Ph.D. degree in English. Library Conference Room.

10:00 a.m. The final examination of Mr. John William Ost for the Ph.D. degree in Psychology. Room 204, Bivins Building.

2:00 p.m. Mathematics Lecture. Dr. B. R. Seth, Professor and Head of the Department of Applied Mathematics, Indian Institute of Technology, Kharagpur, India. Subject: "Non-Linear Elastic Problems."

4:30-5:30 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Wednesday, June 1

3:30 p.m. The final examination of Mr. Samuel Smythe Hill, Jr. for the Ph.D. degree in Religion. Library Conference Room.

4:30-5:30 p.m. Free swimming, East Campus pool. Open to women students, staff, faculty, and faculty wives.

Saturday, June 4

- 9:00 a.m. Commencement Golf Tournament. Duke Golf Course.
- 10:00 a.m. Phi Beta Kappa Final Business Meeting. Room 211, Divinity School.
- 11:00 a.m. Annual meeting of the Board of Trustees.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 11:00 a.m. Discussion Groups. West Campus. "Journey Into Outer Space," Dr. Harold W. Lewis. "Can East Meet West?" Dr. Ralph Braibanti.
- 1:00 p.m. Luncheon of Trustees with National Council. West Campus Union.
- 2:00 p.m. Meeting of the Duke University National Council. West Campus Union.
- 3:00 p.m. Discussion Groups. West Campus. "War and Survival," Dr. Theodore Ropp. "Viruses and You," Dr. Joseph W. Beard.
- 4:45 p.m. Lawn Concert, University Band. West Campus Quadrangle.
- 6:00 p.m. General Alumni Dinner. West Campus Union.
- 8:45 p.m. Duke Players Production. Page Auditorium. "Light Up the Skies," Moss Hart.

ORDER OF WORSHIP

The Reverend Doctor McMurry S. Richey, Associate Professor of Theology and Christian Nurture, will deliver the sermon at the University Service of Worship on Sunday morning, May 29th at 11:00 a.m. in the University Chapel. His topic will be "Reflections on Two Commas."

G. E. COLLEGE BOWL

On Sunday, May 29th at 5:30 p.m. Duke meets Rutgers in the G. E. College Bowl, which will be broadcast over Channel 2, Greensboro. The Duke team, consisting of John Koskinen, '61, Sanford Levinson, '62, John Sheats, '61, and George Scheper, '60, with Carol Corder, '60, as alternate defeated Antioch College last week and Michigan State University the previous week. The General Electric Company gives \$1500 to the winning school and \$500 to the losing school for each participation. The team is coached by Joseph C. Wetherby of the English Department. The prize money will be used for student scholarships.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Gunter Sommer for the Ph.D. degree in Religion will be held on Monday, May 30, 1960 at 3:30 p.m. in the Library Conference Room. The subject of Mr. Sommer's dissertation will be "The Significance of the Late Philosophy of Schelling for the Formation and Interpretation of the Thought of Paul Tillich." The committee to conduct the examination will consist of Professors Robert Cushman, Waldo Beach, Shelton Smith, Hugh Anderson, and Herman Salinger. Professor Cushman will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert Lee Zimmerman for the Ph.D. degree in English will be held on Tuesday, May 31, 1960 at 9:00 a.m. in the Library Conference Room. The subject of Mr. Zimmerman's dissertation will be "Manuscript Revision in Byron's Childe Harold's Pilgrimage." The committee to con-

duct the examination will consist of Professors Lionel Stevenson, Benjamin Boyce, Merle Bevington, C. R. Sanders, and Ernest Nelson.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John William Ost for the Ph.D. degree in Psychology, will be held on Tuesday, May 31, 1960, at 10:00 a.m., in Room 204, Bivius Building. The subject of Mr. Ost's dissertation will be "Interstimulus Interval and Proportion of Non-Reinforced Trials in Differential Eyelid Conditioning." The committee to conduct the examination will consist of Professors Gregory A. Kimble, Norman Guttman, Karl Zener, Eliot Rodnick, and George S. Eadie. Professor Kimble will preside.

MATHEMATICS LECTURE

A lecture on "Non-Linear Elastic Problems" will be given by Dr. B. R. Seth, Professor and Head of the Department of Applied Mathematics, Indian Institute of Technology, Kharagpur, India, on May 31st in the Conference Room 101, Office of Ordnance Research, at 2:00 p.m. The OOR Building is located to the north of the Engineering Building on the West Campus. All interested faculty, students, scientists, and engineers of the Research Triangle community are invited to attend this lecture.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Samuel Smythe Hill, Jr. for the Ph.D. degree in Religion will be held on Wednesday, June 1, 1960, at 3:30 p.m., in the Library Conference Room. The subject of Mr. Hill's dissertation will be "The Religious Thought of H. H. Farmer with Special Reference to the Doctrine of Providence." The committee to conduct the examination will consist of professors Robert Cushman, Waldo Beach, James Price, Shelton Smith, and Robert Robers. Professor Cushman will preside.

GOLF TOURNAMENT

The twelfth annual Alumni Golf Tournament will be held on Friday, June 3rd and Saturday morning June 4th, on the Duke Golf Course. The Tournament Chairman is Philip Bolich, '32. The registration fee of \$1.00 is payable in advance. Greens fees are payable at the course. All alumni, trustees, faculty, and members of the 1960 graduating classes, are invited to participate.

PHI BETA KAPPA FINAL BUSINESS MEETING

The final meeting of Phi Beta Kappa will take place on Saturday, June 4th at 10:00 a.m. in Room 211 Divinity School. At this meeting Undergraduates and Graduate Elections will be made, and there will also be a vote on the proposed amendment to the By-Laws. A full attendance is desired.

COMMENCEMENT SERMON

Admission to the Chapel for the Commencement sermon on Sunday morning, June 5th, at eleven

o'clock will be by ticket only. These have been mailed to parents and wives of members of the graduating classes. The sermon will be amplified into Page Auditorium and the grove by the Chapel, where additional seats will be provided.

NURSING SCHOOL PIN PRESENTATIONS

Seniors of the School of Nursing will receive their pins in a ceremony in Page Auditorium on Sunday, June 5th, at 3:00 p.m. Their families, friends and members of the University Community are cordially invited to this part of graduation.

CARILLON RECITAL

Anton Brees, Carillonneur, Bok Singing Tower, Lake Wales, Florida, will present a carillon recital from the Duke Chapel Tower on Sunday afternoon, June 5th, at 3:30 o'clock as part of the Commencement program. The performance will be this distinguished artist's 29th consecutive commencement program at Duke.

COMMENCEMENT ORGAN RECITAL

The Commencement Organ Recital will be performed on Sunday, June 5th, at 4:30 p.m. by guest organist, Eugene S. Mauney, '49. Mr. Mauney is Organist and Choir Director of St. Stephen's Episcopal Church, Goldsboro, North Carolina. The program is as follows:

Voluntary on the 100th Psalm Tune	Henry Purcell
Pastorale in F Major	Johann Sebastian Bach
Chorale Prelude	Johann Sebastian Bach
"I Bid Thee Farewell"	
"Adorn Thyself, My Soul"	
Fantasia and Fugue in G Minor	Johann Sebastian Bach
The Musical Clock	Franz Josef Haydn
Minuet	
March	
Andantino	
Minuet	
Minuet	
Sonata on the Ninety-Fourth Psalm	Julius Reubke
Grave	
Allegro (fugue)	

GRADUATION OUTDOOR RECEPTION

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this Reception is to be held on Sunday, June 5th, at 6:00 p.m. on the lawn in front of East Duke Building. All faculty members and their wives are cordially invited to attend. If it rains, the Reception will be held in the Woman's College Union.

1960 COMMENCEMENT PROGRAM

Friday, June 3

9:00 A.M.—Golf Tournament. Duke Golf Course. Tournament will continue on Saturday.

Saturday, June 4

11:00 A.M.—Annual meeting of the Board of Trustees.
11:00 A.M.—Discussion Groups. West Campus. "Journey Into Outer Space," Dr. Harold W. Lewis. "Can East Meet West?" Dr. Ralph Braibanti.
1:00 P.M.—Luncheon of Trustees with National Council. West Campus Union.
2:00 P.M.—Meeting of the Duke University National Council. West Campus Union.

3:00 P.M.—Discussion Groups. West Campus. "War and Survival," Dr. Theodore Ropp. "Viruses and You," Dr. Joseph W. Beard.
4:45 P.M.—Lawn Concert, University Band. West Campus Quadrangle.
6:00 P.M.—General Alumni Dinner. West Campus Union.
8:45 P.M.—Duke Players Production. Page Auditorium. "Light Up the Skies," Moss Hart.

Sunday, June 5

11:00 A.M.—Baccalaureate Sermon for the Graduating Classes. University Chapel. Goodrich Cook White, Ph.D., LL.D., Litt.D., L.H.D., Chancellor, Emory University, Atlanta, Georgia.
3:30 P.M.—Carillon Recital by Anton Brees, Carillonneur, Bok Tower, Lake Wales, Florida.
4:30 P.M.—Organ Recital by Eugene Mauney, Organist. University Chapel.
6:00 P.M.—Outdoor Reception in Honor of Graduating Classes. East Campus.
7:28 P.M.—Flag-lowering Exercises by Senior Classes. East Campus.

Monday, June 6

8:00 A.M.—Commissioning Exercises, AFROTC. Engineering Auditorium. Oath administered by Major General Thomas B. McDonald, United States Air Force (Retired).
8:30 A.M.—Commissioning Exercises, NROTC. Entrance, Duke University Chapel. Oath administered by Admiral K. M. McManes, United States Navy.
10:30 A.M.—Graduating Exercises. University Indoor Stadium. Address by David Dodds Henry, Ph.D., LL.D., Litt.D., L.H.D., President, University of Illinois, Urbana, Illinois.

The following are planning reunion activities: The Half Century Club, Classes of '10, '16, '29, '30, '31, '32, '33, L'35, D'35, M'35, M'39, M'40, M'41, '44, '45, D'45, '46, L'46, D'46, L'47, D'47, L'48, '50, M'50, L'50, D'50, '58.

JULIA DALE PRIZE WINNERS

The Julia Dale Prize Winners are: 1st place; Mr. William H. Halliday, Jr., and 2nd place; Miss Deborah Pike. The exam covered material in Math 51, Math 52, and Math 53.

SUMMER SESSION SUNDAY SCHOOL CLASSES

No denominational Sunday School Classes will be held on the campus during the summer. An inter-denominational Sunday School Class will be conducted each week during the Summer Session, beginning on Sunday, June 12th, and ending on Sunday, August 14th. It will commence at 9:30 a.m., and it is to be held in Room 125, Allen Building. This room is air-conditioned. All students and other University personnel are cordially invited to attend.

SCHEDULING NOTICE

Information for the printed UNIVERSITY FALL ACTIVITIES CALENDAR, published and distributed by the Student Union must be in 202-A Flowers Building by June 1st. Faculty and staff members scheduling events for the 1960-61 academic year are urged to record these dates as soon as possible.

THE SUNDIAL

This is the final issue of the weekly Calendar for the year 1959-60. On Friday, June 10th, registration day for the Summer Session, the first issue of the Sundial, an announcement of weekly activities of the summer months, will be distributed in the Indoor Stadium.

This will be a general orientation issue. Anyone wishing to have a notice in this issue is requested to submit copy to the Student Activities Office, 202-A Flowers Building, by 1:00 p.m. on Monday, June 6th.

The Sundial will be issued each Saturday thereafter during the summer months. It will be distributed to the faculty and administration on East and West Campuses, and will be available to students on the bulletin boards and in the dormitory offices.

Copy for regular issues of the Sundial must be submitted in typewritten form to Room 202-A Flowers Building, by 1:00 p.m. on Thursday prior to publication on Saturday.

LIBRARY SUMMER SCHEDULE

The Libraries will be open and operating according to the following schedules during the summer sessions, June 11th through August 20th.

General Library

Mondays-Fridays	8:00 a.m.-10:00 p.m.
Saturdays	8:00 a.m.- 6:00 p.m.
Sundays	2:00 p.m.- 6:00 p.m.

Woman's College Library

Mondays-Fridays	8:30 a.m.- 4:30 p.m.
Saturdays	8:30 a.m.- 1:00 p.m.
Sundays	Closed

Other school, college, and departmental libraries generally will be open only during the day, Mondays through Saturdays. Schedules will be posted in those libraries.

Interim period, June 1st through June 10th

General Library

Wednesday, June 1	8:00 a.m.-5:00 p.m.
Thursday, June 2-Friday, June 3	9:00 a.m.-5:00 p.m.
Saturday, June 4	9:00 a.m.-5:00 p.m.
Sunday, June 5	Closed
Monday, June 6-Friday, June 10	9:00 a.m.-5:00 p.m.

Saturday, June 11 Summer Session Schedule Begins

Woman's College Library

Wednesday, June 1	8:00 a.m.-5:00 p.m.
Thursday, June 2	Begin Summer Session Schedule

DINING HALLS COMMENCEMENT SCHEDULE 1960

Saturday, June 4th

Dining Hall A Dining Hall D Oak Room

Breakfast	7:00-11:00	
Lunch	11:30- 1:30	11:30- 2:00
Dinner	5:30- 6:30	5:00- 7:00

Sunday, June 5th

Breakfast	7:00-9:15	7:00-10:30	
Lunch	11:30-1:30	11:30- 1:30	11:30- 2:00
Dinner		5:00- 6:30	5:00- 7:00

Monday, June 6th

Breakfast	7:00-9:15	7:00-11:00	
Lunch	11:30-1:30	11:30- 1:30	11:30- 2:00
Dinner		5:00- 6:30	5:00- 7:00

SCIENCE FELLOWSHIP AWARD

Announcement is made of the Selby Fellowship, Australia Academy of Science, to be awarded in any branch of physical or biological science for tenure at any university or research institute in Australia. Stipend is set at 1500 pounds per year, with allowance for dependents. Deadline for applications is June 20, 1960. Full details may be obtained in 220 Allen Building.

DUKE NURSERY SCHOOL ANNOUNCEMENT

The Duke University Nursery School is now accepting applications for the 4 and 8 week summer play school sessions, at all pre-school ages. For the Fall, 1960 session there will be several openings in the three and four year old groups. For further information please contact Miss Marie Hinman, University extension 3673 or 8-9382.

HOST PLAN FOR INTERNATIONAL STUDENTS

The Interfaith and Fellowship Committee of the University Religious Council is working in connection with the Durham Junior League to establish a Host Family Plan for the international students at Duke. This program, which will be put into effect next September, will help to alleviate to some extent the lack of interest now shown these students. We feel that this program will benefit the host families, as well as the students, as vital lines of communication are opened. If you would be willing to serve as host to one of the students, will you please get in touch with Rev. William C. Smith, Box 4351, Duke Station.

CHOIR REHEARSAL

The first choir rehearsal for the summer sessions will be held on Saturday evening, June 11th at 6:30 p.m. in the University Chapel. Auditions will be held on Saturday afternoon, June 11th from 2:00 to 5:00 p.m. in the Chapel Basement. All interested persons are invited to call 3898 for an appointment. All members of the Chapel Choir during the regular academic year are eligible for the summer session without auditions. The summer choir will be directed by Mr. William E. Waters and Mr. Paul Young.

1960-61 ALL STAR ARTISTS' SERIES

Pre-season reservations may be made for the 1960-61 Artists' Series by calling 9011, extension 2911, or by writing All-Star Artists' Series, Box KM, Duke Station. Season tickets are priced at \$8.00, \$9.00, \$10.00. The series is as follows:

MARCEL MARCEAU AND COMPANY

World's Greatest Pantomimist Friday, November 11

The genius of mime, MARCEAU and Company, will return from France to the United States for his first coast-to-coast tour.

VRONSKY AND BABIN, Duo-Pianists

Tuesday, December 6

Concert favorites on this continent for twenty-two years, VRONSKY AND BABIN dominate the two-piano field here and abroad with a singular dynamism.

THE DETROIT SYMPHONY ORCHESTRA,

Paul Paray Conducting Friday, February 17

The full 90-man Detroit Symphony Orchestra will appear in Page Auditorium under the direction of its distinguished conductor, Paul Paray.

GEORGE LONDON, Bass-Baritone

Friday, March 10

The bass-baritone master of song and great singing actor of the Metropolitan Opera, La Scala and European Festivals.

THE NATIONAL BALLET OF CANADA

Thursday, April 13

The National Ballet of Canada returns to the Duke Campus with a company of 80, a repertoire of full-scale classical productions, and a full orchestra under the direction of George Crum.

WEEK OF
Sept. 18-24, 1960

CALENDAR

WEEK OF
Sept. 18-24, 1960

OF

DUKE UNIVERSITY



Events of the Week

Sunday, September 18

- 9:30 a.m. Orientation Week Sunday School (Inter-denominational). Page Auditorium. Speaker: Dr. Herbert J. Herring, Vice-President in the Division of Student Life.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "An Educated Religion." Broadcast over Radio Station WDNC and WDNC-FM.
- 3:30-5:30 p.m. The President's Reception honoring New Students, 2324 Duke University Drive.
- 7:15 p.m. Y.W.C.A. and Y.M.C.A. Vesper Service. Woman's College Auditorium. Speaker: Dr. Stuart C. Henry, Associate Professor of American Christianity.

Monday, September 19

Registration and matriculation of all students of Trinity College, the Woman's College, and the College of Engineering who have not pre-registered.

- 3:00-5:00 p.m. Physics Lecture. Room 113, Physics Building. Speaker: Professor Giampietro Puppi.
- 8:00 p.m. Duke Nursery School Parents Meeting. Room 109, Bivins Building.

Tuesday, September 20

- 7:00 p.m. Freshman Assembly: Student Activities Night. Page Auditorium.

Wednesday, September 21

- Final registration of pre-registered students.
- 12:30 p.m. Formal Opening of the Woman's College and Flag Raising Ceremony. Woman's College Auditorium and East Duke Court.
- 3:00-5:00 p.m. Physics Lecture. Room 113, Physics Building. Speaker: Professor Giampietro Puppi.
- 7:00-8:30 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00-9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Green Man" with Alastair Sim, George Cole, Terry Thomas, and Jill Adams. A jolly English film whose hero is an ingenious gentleman dedicated to the proposition that all bores and bounders should be blown up. Note: There will be only one showing of the film, which is a complimentary performance for the Freshman Class.
- 9:00-10:00 p.m. Student Union Open House. Flowers Building.

Thursday, September 22

- 8:10 a.m. Fall classes begin.
- 10:10 a.m. Flag raising ceremony marking the official opening of the academic year, 1960-61. Flagpole in front of Allen Building.
- 3:00-5:00 p.m. Physics Lecture. Room 113, Physics Building. Speaker: Professor Giampietro Puppi.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208, Asbury Building.
- 8:00 p.m. School of Nursing Capping Service. University Chapel.

Friday, September 23

- 3:00-5:00 p.m. Physics Lecture. Room 113, Physics Building. Speaker: Professor Giampietro Puppi.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 7:30 p.m. Church Night Program for all new students. (Men and women.) Local churches and religious centers.

Saturday, September 24

- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Two-Headed Spy" with Jack Hawkins, Gia Scala, and Alexander Knox. A suspenseful British melodrama of espionage during World War II. First time in Durham.
- 8:00 p.m. Varsity Football: Duke versus University of South Carolina. Columbia, S. C.
- 8:30-12:00 p.m. Y.M.C.A. Freshman Dance. Woman's College Gymnasium.

THE UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday morning, September 18th, at 11:00 o'clock in the University Chapel. His subject will be "An Educated Religion." The order of service follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister.

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|--|------------------------------|
| Prelude—"Prelude and Fugue" in D Minor | <i>Pachelbel</i> |
| Call to Worship | |
| Hymn—"God of Our Fathers" | <i>Warren</i> |
| Prayer of Confession | |
| Words of Forgiveness | |
| The Lord's Prayer | |
| Anthem—"The Lord Is a Mighty God" | <i>Mendelssohn</i> |
| Old Testament Lesson—Proverbs 8: 1-11 | |
| Hymn—"The Holy Scriptures" | <i>Mendelssohn-Bartholdy</i> |
| Call to Prayer | |
| A Litany for Freshman Sunday | |
| The Offering | |
| Offertory Interlude | |
| Anthem—"Sanctus and Hosanna" | <i>Franz Schubert</i> |
| Response—The Doxology | |
| Prayer of Dedication | |
| New Testament Lesson—Galatians 6: 1-5 | |
| Sermon—"An Educated Religion" | |
| Prayer | |
| Benediction | |
| Choral Response—"Sevenfold Amen" | <i>Stainer</i> |
| The Chimes | |
| Postlude—"Chaconne" in D Minor | <i>Pachelbel</i> |

VESPERS

Joint vesper services sponsored by the Y.W.C.A. and the Y.M.C.A. will be conducted in Woman's College Auditorium on Sunday evening, September 18th at 7:15 p.m. The speaker will be Dr. Stuart C. Henry, Associate Professor of American Christianity.

1960 FALL REGISTRATIONS

On Monday, September 19 from 2:00 to 4:00 p.m.: Conferences on courses of study and course card writing for all Woman's College and Trinity College, O. S. R.'s, transfers, and special degree students by appointment. Departments requested to have representatives for this phase of registration will be notified by telephone. (Freshman course card writing will take place on Monday, but will be handled by special Freshman course card writers on an individual appointment basis.)

On Tuesday, September 20 from 8:30 a.m. to 12:30 p.m. in the Indoor Stadium: Class sectioning of all Trinity and Engineering freshmen. On this day sectioning is done by alphabetical groups which report at one-half hour intervals. Beginning at 9:30 a.m., Trinity O. S. R.'s and transfers, will be sectioned on the same basis. All departments need to be represented.

On Tuesday, September 20 from 2:00 p.m. to 5:00 p.m. in the Woman's College Gymnasium: Class sectioning of all Woman's College Freshmen, transfers, O. S. R.'s, and also School of Nursing Freshmen. On this day sectioning is scheduled by alphabetical groups which report at one-half hour intervals. All departments need to be represented.

On Wednesday, September 21 from 9:00 a.m. to 12:00 p.m. and from 2:00 p.m. to 3:30 p.m. in the Indoor Stadium for Trinity College, and Woman's College, and School of Nursing (only those making course changes), the College of Engineering, and the Graduate School. Registration of only the pre-enrolled students. The departmental representatives are concerned only with those pre-registered students who are making changes in their schedules. No registration of late O. S. R.'s, transfers, or new students will be undertaken on this date. All departments must be represented at the registration in the Indoor Stadium.

PHYSICS LECTURES

The Physics Department will sponsor Professor Giampietro Puppi in a series of lectures in Room 113, Physics Building, from 3:00-5:00 p.m. on the following dates: Friday, September 16; Monday, September 19; and Wednesday through Friday, September 21-23.

Professor Puppi is visiting Duke University, from the University of Bologna, Bologna, Italy, where he is Director of the Institute of Physics, vice-president of the National Institute of Nuclear Physics of Italy, a member of the Superior Consul of Ministry of Education in Italy as well as a member of the Italian National Academy of Sciences.

All interested persons are invited to attend the lectures entitled "Introduction to Pion Physics."

DUKE NURSERY SCHOOL PARENTS MEETING

The first Parents Meeting will be held on Monday, September 19th, at 8:00 p.m. in Room 109, Bivins Building on East Campus. All persons interested in the Nursery School and in helping to arrange the Parent Study programs for the coming year are cordially invited.

There are several openings in the Four Year Old group of the Nursery School. Those interested may contact Marie Hinman, Director; University extension 3673 or 3449.

CHAPEL CHOIR REHEARSAL

The first regularly scheduled choir rehearsal of the new academic year will be held in the University Chapel on Wednesday evening, September 21st, from 7:00 until 8:00 p.m. All summer members are cordially invited to attend.

FLAG RAISING EXERCISES

The traditional flag raising exercises in connection with the opening of the Woman's College will be 12:30 o'clock on Wednesday, September 21st, beginning in the auditorium followed by a service in the East Duke Court.

On Thursday, September 22nd, at 10:10 a.m. the flag raising ceremony marking the official opening of Trinity College will take place in front of Allen Building.

SCHOOL OF NURSING CAPPING SERVICE

The Sophomore Nursing students will be presented with the Duke University School of Nursing Cap at services in the University Chapel on Thursday, September 22nd at 8:00 in the evening. Members of the University Community are invited to attend.

CHURCH NIGHT

Church Night for Protestant students will be on Friday evening, September 23rd. This evening's entertainments are an opportunity for the students to become acquainted with the local churches and for these churches to welcome the students.

The various groups will meet at the following places:

The Baptist Student Union: Baptist students will meet in front of the Chapel on West Campus, at Hanes House, or between East Duke and Aycock, on East Campus, at 5:15 p.m. Busses will take them to Greystone, First, Temple and Watts Street Baptist Churches for a "Progressive Supper."

The Episcopal Student Fellowship: 7:30 p.m., at the Episcopal Student Center. Students will leave at 7:15 p.m. from the East Campus bus stop by private cars, and from the West Campus bus stop by private cars.

The Lutheran Student Association. Students will leave from the East Campus Circle and from the Chapel steps on West Campus, at 7:15 p.m. Transportation will be provided, going to St. Paul's Lutheran Church and visiting other local Lutheran churches.

The Methodist Student Fellowship: 7:30 p.m. at the Methodist Student Center. Students will get rides at 7:15 p.m. at the parking lot between East Duke and Aycock Buildings on East Campus and in front of the Chapel on West Campus.

The Westminster Fellowship: 7:00 p.m., at Trinity Avenue Presbyterian Church. Students will find transportation at the East Campus circle at 6:30 p.m.

The United Student Fellowship: 7:30 p.m., at the Congregational Christian Church, corner of Main and Gregson Streets. Transportation will be provided at 7:15 p.m. from East Campus Circle and from the Chapel steps on West Campus.

DIVINITY SCHOOL ANNOUNCEMENTS

Monday, Sept. 19

12:00 p.m. Faculty luncheon. Old Trinity Room.
2:00 p.m. Orientation for new students, with Deans and Staff.
4:00 p.m. First faculty meeting.
8:00 p.m. Reception new students, Dean and Staff. 2022 Myrtle Dr.

Tues., Sept. 20

9:00 to 1:00 p.m. Registration of returning students.
2:00 to 5:00 p.m. Registration of new students.

Wed., Sept. 21

9:00 to 1:00 p.m. Completion of registration.
9:00 a.m. Orientation session for new students by Student Body Association. Officers and President of Divinity Dames.

Thurs., Sept. 22

10:10 a.m. Opening convocation of Divinity School. Worship and address, Professor O. Kelly Ingram.

Fri., Sept. 23

10:10 a.m. Divinity School Chapel, York Chapel, Holy Communion, Dean Robert E. Cushman, celebrant.

LIBRARY SCHEDULES

Effective September 22, 1960

General Library

Monday-Friday	8:00 a.m.-11:00 p.m.
Saturday	8:00 a.m.-10:30 p.m.
Sunday	2:00 p.m.- 6:00 p.m.

(The Undergraduate and Graduate Reading Rooms will be open from 7:00 p.m. to 11:00 p.m. each Sunday.)

Woman's College Library

Monday-Friday	8:00 a.m.-10:00 p.m.
Saturday	8:00 a.m.- 5:00 p.m.
Sunday	2:00 p.m.-10:00 p.m.

Schedules for other campus libraries will be posted in those libraries.

DINING HALL SCHEDULES

MEAL HOURS—MEN'S DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
<i>Cafeterias:</i>	
Breakfast 7:00- 9:30	Breakfast 8:30-11:00
Lunch 11:00- 2:00	Lunch 11:30- 2:00
Dinner 5:00- 7:00	Dinner 5:00- 7:00
<i>Snack Bar:</i> 9:30-11:00 a.m.	NO SNACK BAR OR GRILL ON SUNDAY
<i>Grill:</i>	
Lunch 11:30- 2:00	<i>Oak Room:</i>
Dinner 5:00- 7:00	Lunch 11:30- 2:00
<i>Oak Room:</i>	Dinner 5:00- 7:00
Lunch 11:30- 2:00	
Dinner 5:00- 7:00	

MEAL HOURS—WOMAN'S COLLEGE DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:15- 8:45	Breakfast 8:30- 9:30
Lunch 11:15- 1:30	Lunch 11:30- 1:30
Dinner 5:00- 6:30	Dinner 5:00- 6:15

MEAL HOURS—GRADUATE CENTER DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:15- 9:30	Breakfast Bar
Lunch 11:15- 1:30	Only 8:30-11:00 a.m.
Dinner 5:00- 6:30	

COFFEE LOUNGE 11:30 a.m.-11:00 p.m.

DUKE UNIVERSITY FOOTBALL SCHEDULE 1960 SEASON

Date	Opponent	Place
Sept. 24	University of South Carolina	Columbia
Oct. 1	University of Maryland	College Park
Oct. 8	University of Michigan	Ann Arbor
Oct. 15	North Carolina State College	Durham
Oct. 22	Clemson College	Durham
Oct. 29	Georgia Tech	Durham
Nov. 5	Navy	Durham
Nov. 12	Wake Forest College	Winston-Salem
Nov. 19	University of North Carolina	Chapel Hill
Dec. 3	University of California at Los Angeles	Los Angeles

INFORMATION REGARDING PRICES AND ORDERS FOR TICKETS

Game	Admission (Including Tax)	Time of Kick-Off
University of South Carolina	\$4.65	8:00 P.M.
University of Maryland	4.00	2:00 P.M.
University of Michigan	4.50	1:30 P.M.
North Carolina State College	4.50	2:00 P.M.
Clemson College	4.50	2:00 P.M.
Georgia Tech	4.50	2:00 P.M.
Navy	4.50	2:00 P.M.
Wake Forest College	4.00	2:00 P.M.
University of North Carolina	4.50	2:00 P.M.
University of California at L.A.	3.50	2:00 P.M.

GERMAN EXAMINATION FOR CANDIDATES FOR GRADUATE DEGREES

German examinations for candidates for graduate degrees will be given October 17th-21st. Candidates register in the Graduate School Office for these examinations not later than October 5th.

1960-61 ALL-STAR ARTISTS' SERIES

Season tickets priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building. A check payable to Duke University Artists' Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 9011, extension 2911 for further information. The 1960-61 Series is as follows:

MARCEL MARCEAU AND COMPANY,

World's Greatest Pantomimist Friday, November 11
The genius of mime, MARCEAU and Company, will return from France to the United States for his first coast-to-coast tour.

VRONSKY AND BABIN, Duo-Pianists

Tuesday, December 6

Concert favorites on this continent for twenty-two years, VRONSKY and BABIN dominate the two-piano field here and abroad with a singular dynamism.

THE DETROIT SYMPHONY ORCHESTRA,

Paul Paray Conducting Friday, February 17
The full 90-man Detroit Symphony Orchestra will appear in Page Auditorium under the direction of its distinguished conductor, Paul Paray.

GEORGE LONDON, Bass-Baritone

Friday, March 10
The bass-baritone master of song and great singing actor of the Metropolitan Opera, La Scala and European Festivals.

THE NATIONAL BALLET OF CANADA

Thursday, April 13

The National Ballet of Canada returns to the Duke Campus with a company of 80, a repertoire of full-scale classical productions, and a full orchestra under the direction of George Crum.

THE GOTHIC BOOKSHOP

Located in the foyer of Page Auditorium, the Gothic Bookshop is opened weekdays from 9:00 a.m. until 5:00 p.m.; on Wednesdays from 9:00 a.m. until 9:00 p.m.; and on Saturdays from 9:00 a.m. until noon.

Under the management of a well-known bookman, Mr. Jeremy North, the Gothic Bookshop offers a wide selection in books and in prints and paintings. Reputedly one of the most complete University book stores in the nation—despite its small housing area—the Gothic Bookshop invites the members of the University Community to acquaint themselves with this spot on campus.

WEEKLY CALENDAR INFORMATION

This is the first issue of the weekly Calendar of Duke University for the academic year 1960-1961. Hereafter, the Calendar will appear every Saturday morning.

Members of the faculty and staff are requested to have notices for publication in the Calendar in Room 202-A Flowers Building, West Campus, not later than 1:00 p.m. on Thursday. This is absolutely necessary in order that the Calendar may be handled by the printers and be ready for distribution early Saturday morning.

To circumvent possible errors it is requested that notices be submitted in typewritten form.

WEEK OF
Sept. 25-Oct. 1, 1960

WEEK OF
Sept. 25-Oct. 1, 1960

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, September 25

- Opening Sunday
10:30-10:45 a.m. Carillon Recital. Geoffrey Simou, Guest Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Recognition and Discovery." Broadcast over Radio Station WDNC and WDNC-FM.
(See special notice for denominational meetings.)

Monday, September 26

- 2:00 p.m. The final examination of Mr. Robert B. Meyer for the Ph.D. degree in Chemistry. Room 303 Chemistry Building.
3:00 p.m. The final examination of Mr. Morten Lowengrub for the Ph.D. degree in Mathematics. Room 219 Physics Building.
4:00-8:30 p.m. Divinity School Christian Life Orientation Retreat.
4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Carl Schlieper.
7:00 p.m. Woman's College Honors Assembly. Woman's College Auditorium.
7:30-9:30 p.m. International Reception. Men's Graduate Center.

Tuesday, September 27

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Hugh Anderson.

- 12:30 p.m. Faculty Club Luncheon. Union Ballroom. Speaker: Dr. Deryl Hart, President of the University.
4:00 p.m. Duke University Religious Council Meeting. Camp New Hope.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
6:30 p.m. Away Football Movie. Page.

Wednesday, September 28

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Hugh Anderson.
11:00 a.m. Required meeting of first year Divinity School students with Dean Cushman. York Chapel.
4:15 p.m. Botany Seminar. Room 123 Science Building. East Campus. Speaker: Professor H. J. Oosting.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.
7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Mouse That Roared" with Peter Sellers and Jean Seberg. "The funniest picture of the year" with Peter Sellers, the British master of comedy, playing a triple role. "Downright hilarious!"—Saturday Review. In Eastman color.
8:30-9:30 p.m. Student Union Coffee Hour. Flowers Lounge.

Thursday, September 29

- 10:10 a.m. Divinity School Chapel. York Chapel. Steve Kimbrough.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 11:40-12:30 p.m. Civil Engineering Seminar. Room 118 College of Engineering. Speaker: Mr. L. M. Leu.
- 4:30-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

Friday, September 30

Last day for changing courses for fall semester in Divinity School.

- 10:10 a.m. Divinity School Chapel. York Chapel. Keith Snow.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

Saturday, October 1

- 2:00 p.m. Varsity Football. Duke versus University of Maryland. Baltimore, Maryland.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Mouse That Roared" with Peter Sellers and Jean Seberg. "The funniest picture of the year" with Peter Sellers, the British master of comedy, playing a triple role. "Downright hilarious!"—Saturday Review. In Eastman color.

THE UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday morning, September 25th, at 11:00 in the University Chapel. His subject will be "Recognition and Discovery."

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:15, Training Union at above churches. Wednesday: 6:30 p.m., Baptist Student Union Forum, E. Duke Chapel.

Episcopal Student Fellowship. Sunday: 9:30 a.m., Holy Communion at the Episcopal Student Center. 6:30 p.m., Canterbury Club evening prayer, at the Center. The Rt. Reverend Thomas Fraser, Bishop Coadjutor of North Carolina, will be the speaker, using as his topic, "The Devil's Advocate."

Lutheran Student Association. Sunday, 7:30 p.m., 208 Flowers. Speaker will be the Reverend Howard C. Wilkinson, Chaplain to the University. His topic will be "If Martin Luther Were Alive in 1960." Wednesday, 7:15 p.m., Holy Communion in the Memorial Chapel. Rides leave from E. Campus circle at 7:00 p.m.

Methodist Student Fellowship. Sunday, 6:30 p.m., Worship and Evening Program, held at the Methodist Student Center, on Oregon Street. Try-outs for the fall production of the Wesley Players will also be held on Sunday from 8:00 to 10:40 a.m. and from 2:00 to 5:00 p.m. Those who are interested in participating in the Methodist drama group are invited to come.

Westminster Fellowship. Sunday, 9:45 a.m., Presbyterian Bible Class, 208 Flowers. 6:15 p.m., Westminster Fellowship, held in The Ark. Wednesday, 5:15 p.m., Westminster Supper Club, East Campus Union. Every second Thursday in the month Holy Communion is celebrated in East Duke Chapel, beginning at 7:15 a.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert B. Meyer for the Ph.D. degree in Chemistry will be held on Monday, September 26th, at 2:00 p.m. in Room 303 of the Chemistry Building. The subject of Mr. Meyer's dissertation is "Some Alkylations and Conjugate Additions Involving Dianions." The committee to conduct the examination will consist of Professors C. R. Hauser, Chairman, C. K. Bradsher, Frances C. Brown, J. C. Poirier, and Walter Gordy.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Morton Lowengrub for the Ph.D. degree in Mathematics will be held on Monday, September 26th, at 3:00 p.m. in Room 219 of the Physics Building. The subject of Mr. Lowengrub's dissertation is "Stress in the Vicinity of a Crack in a Thick Elastic Plate." The committee to conduct the examination will consist of Professors J. J. Gergen, Chairman, F. G. Dressel, J. Schoenfeld, R. McCleod, and E. Greuling.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, September 26th, Room 113 Biology Building, at 4:15 p.m. Dr. Carl Schlieper, Institute für Meereskunde, Kiel, Western Germany, will speak on, "Some Problems of the Ecological Physiology and Osmo-Regulation of Brackish Water Animals." Coffee will be served in Room 113 at 4:00 preceding the seminar.

WOMAN'S COLLEGE HONORS ASSEMBLY

At the Honors Assembly of the Woman's College on Monday evening, September 26th, the names of students who have been honored for their academic achievement in 1959-60 will be announced. On this date in the Woman's College Auditorium at seven o'clock the Woman's College Student Government, Panhellenic Association, and Ivy will make awards, and Ivy will tap additional members.

The holders of the special scholarships from the Woman's College and the Angier B. Duke Scholarships will be recognized. The distinctions awarded at commencement also will be noted.

INTERNATIONAL RECEPTION

An International Reception will be held on Monday, September 26th from 7:30 to 9:30 o'clock at the Men's Graduate Center. This is primarily for the

purpose of welcoming international students to the Duke campus, but all persons in the University Community are welcome to attend. This will provide opportunities for American students to meet students from abroad, and for foreign students to meet each other. The event is sponsored by the Interfaith and Fellowship Committee of the Duke University Religious Council.

FACULTY CLUB MEETING

Departing from precedent this year, the first meeting of the Duke University Faculty Club will be a luncheon meeting. It will be held on Tuesday, September 27th, at 12:30 p.m. in the Union Ballroom, West Campus. We are particularly fortunate in having as our speaker Dr. Deryl Hart, President of the University.

Since the seating capacity of the Union Ballroom is limited to 210 people, only the first 210 reservations for lunch can be honored. The price of the luncheon is \$1.25. Money will be collected at both doors of the Union Ballroom before the luncheon. There will be two lines at each door to facilitate quick payment.

RELIGIOUS COUNCIL MEETING CAMP NEW HOPE

The first meeting of the Duke University Religious Council for the fall semester will be held at Camp New Hope, Tuesday, September 27th, beginning at 4:00 p.m. The evening meal will be served at camp, and the business will be concluded following the meal. All members of the Council are asked to make their plans now to attend. Those desiring transportation to and from the camp should contact the Reverend Robert Hyatt, whose telephone on campus is No. 2921. Officers of the Council for the current year are as follows: Chairman, Dr. Pelham Wilder, Jr.; Vice-chairman, Add Penfield, Jr.; Secretary, Dr. John Artley; Treasurer, Miss Carol Seaton.

BOTANY SEMINAR

The first meeting of the Botany Seminar for the fall semester will be held at 4:15 p.m., Wednesday, September 28th, in Room 123 Science Building, East Campus. Professor H. J. Oosting, Chairman of the Botany Department, will speak. All persons interested are cordially invited to attend. Tea and coffee will be served at four o'clock.

CIVIL ENGINEERING SEMINAR

The Department of Civil Engineering announces a series of lectures to be given by the faculty and graduate students of the department. These will be given on alternate Thursdays at 11:40 a.m. to 12:30 p.m. in the Engineering Building. The first lecture will be given by Mr. L. M. Leu on "Longitudinal Impact and Scabbing in Bars" in Room 118 Engineering Building on Thursday, September 29th.

Mr. Leu is a Research Engineer on an Office of Ordnance Research Contract in the Department of Civil Engineering. All interested persons including the members of the Departments of Physics, Mathematics, and Mechanical Engineering are invited to attend.

1960-61 ALL-STAR ARTISTS' SERIES

Season tickets priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building. A check payable to Duke University Artists' Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, N. C. Call 9011, extension 2911 for further information. The 1960-61 Series is as follows:

MARCEL MARCEAU AND COMPANY

Friday, November 11

VRONSKY AND BABIN

Tuesday, December 6

THE DETROIT SYMPHONY ORCHESTRA

Friday, February 17

GEORGE LONDON

Friday, March 10

THE NATIONAL BALLET OF CANADA

Thursday, April 13

DANFORTH FOUNDATION FELLOWSHIPS

The Danforth Foundation, an educational Foundation located in St. Louis, Missouri, invites applications for the tenth class (1961) of Danforth Graduate Fellows from college senior men and recent graduates who are preparing themselves for a career of college teaching, and are planning to enter graduate school in September, 1961, for their first year of graduate study. The Foundation welcomes applicants from the areas of Natural and Biological Sciences, Social Sciences, Humanities and all fields of specialization to be found in the undergraduate college.

All applications, including the recommendations, must be completed by January 15, 1961. Further information may be obtained in Room 216 Allen Building.

CHAMBER MUSIC CONCERTS 1960-1961

The Chamber Arts Society announces the following five concerts for the 1960-61 season:

Oct. 8 (Saturday)	New York String Sextet
Nov. 19 (Saturday)	Hungarian Quartet
Dec. 10 (Saturday)	Duo di Roma (piano and cello)
Jan. 21 (Saturday)	Vienna Octet
Feb. 18 (Saturday)	Quartetto Italiano

Concerts will be given in the Music Room, East Duke Building, and will begin at 8:15 p.m.

Membership and Admission:

Membership Card admitting to the 5 concerts will cost \$10.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application.

Guest Card for single admission to any one concert will cost \$2.50. (About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For membership enrollment send check and address to Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C. A list of the concerts with names of musicians and details of programs will be sent on request.

WEEKLY CALENDAR INFORMATION

This is the second issue of the weekly **Calendar** of Duke University for the academic year 1960-1961. Hereafter, the **Calendar** will appear every Saturday morning. Regular distribution of the **Calendar** is made each Saturday to all members of the faculty and staff and to graduate students at their respective departments. However, anyone wishing to have copies of the **Calendar** mailed to his home may send his request and a dollar covering mailing charges to Box KM, Duke Station. Checks may be made payable to Duke University Weekly Calendar.

Members of the faculty and staff are requested to have notices for publication in the **Calendar** in Room 202-A Flowers Building, West Campus, not later than 1:00 p.m. on Thursday. This is absolutely necessary in order that the **Calendar** may be handled by the printers and be ready for distribution early Saturday morning. To circumvent possible errors it is requested that notices be submitted in typewritten form.

ADVANCE NOTICE AAUP MEETING

The fall meeting of the Duke Chapter of the AAUP will be held in the Union Ballroom on Thursday, October 6th, at 8:00 p.m. The subject for discussion will be "Faculty Participation in the University Government." An agenda for the discussion will be sent to all members of the chapter prior to the meeting, but all members of the University Community are invited to attend.

ADVANCE NOTICE NAVAL RESERVE MEETING

All Naval Reserve officers of the University Community (students, faculty, staff, etc.) are invited to join Naval Reserve Research Company 6-6. All required retirement and promotion points can be obtained within the framework of this unit which meets 24 times during the academic year. The first meeting for this year is on October 3rd. Lt. Leland Williams in Room 306A, Duke Wing, OOR Building (Telephone 8-3265) can supply further details.

GUEST ORGAN RECITAL JOHN WILLIAMS

The first organ recital of the academic year will be presented by John Williams, head of the Organ Department, Flora Macdonald College, on Sunday afternoon, October 2nd, at four o'clock. The public is cordially invited to attend.

GERMAN EXAMINATION FOR CANDIDATES FOR GRADUATE DEGREES

German examinations for candidates for graduate degrees will be given October 17th-21st. Candidates register in the Graduate School Office for these examinations not later than October 5th.

CHAPEL PREACHING SCHEDULE FALL SEMESTER

September	18—Rev. Howard C. Wilkinson, Chaplain to the University
	25—Rev. Prof. James T. Cleland, Dean of the Chapel
October	2—Rev. Prof. Creighton Lacy, The Divinity School
	9—Dean James T. Cleland
November	16—Rev. Prof. Hugh Anderson, The Divinity School
	23—Bishop Richard C. Raines, Indianapolis, Indiana
December	30—Dean James T. Cleland
	6—Rev. Dr. Harold A. Bosley, First Methodist Church, Evanston
January	13—Rev. Prof. Waldo Beach, The Divinity School
	20—Chaplain Howard C. Wilkinson
	27—Thanksgiving Recess
	4—Dean James T. Cleland
	11—Rev. Dr. Ralph W. Sockman, Christ Methodist Church, New York
	18—Christmas Recess
	25—Christmas Recess
	1—Christmas Recess
	8—Dean James T. Cleland
	15—Rev. Prof. Waldo Beach
	22—Chaplain Howard C. Wilkinson
	29—Rev. Prof. Robert E. Cushman, Dean of the Divinity School

DUKE UNIVERSITY FOOTBALL SCHEDULE 1960 SEASON

Date	Opponent	Place
Oct. 1	University of Maryland	College Park
Oct. 8	University of Michigan	Ann Arbor
Oct. 15	North Carolina State College	Durham
Oct. 22	Clemson College	Durham
Oct. 29	Georgia Tech	Durham
Nov. 5	Navy	Durham
Nov. 12	Wake Forest College	Winston-Salem
Nov. 19	University of North Carolina	Chapel Hill
Dec. 3	University of California at Los Angeles	Los Angeles

INFORMATION REGARDING PRICES AND ORDERS FOR TICKETS

Game	Admission (Including Tax)	Time of Kick-Off
University of Maryland	4.00	2:00 P.M.
University of Michigan	4.50	1:30 P.M.
North Carolina State College	4.50	2:00 P.M.
Clemson College	4.50	2:00 P.M.
Georgia Tech	4.50	2:00 P.M.
Navy	4.50	2:00 P.M.
Wake Forest College	4.00	2:00 P.M.
University of North Carolina	4.50	2:00 P.M.
University of California at L.A.	3.50	2:00 P.M.

WEEK OF
October 2-8, 1960

CALENDAR

WEEK OF
October 2-8, 1960

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 2

- 11:00 a.m. University Service of Worship. University Chapel. World Wide Communion. Celebrant: The Reverend Professor James T. Cleland, Dean of the Chapel. Preacher: The Reverend Dr. Creighton Lacy, Associate Professor of Missions and Social Ethics. Broadcast over Radio Station WDNC and WDNC-FM.
(See special notice for all denominational meetings.)
- 4:00 p.m. Organ Recital. University Chapel. Guest Organist: John Williams.

Monday, October 3

- 4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Oscar H. Paris.
- 5:00-6:00 p.m. Faculty Volleyball. Indoor Stadium.
- 8:00 p.m. Durham Civic Choral Society. Durham High School Practice Room.
- 8:00 p.m. Erasmus Club. Green Room, East Duke Building. Speaker: Professor Bronislas Jezieriski.

Tuesday, October 4

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. W. F. Stinespring.
- 4:00 p.m. Physics Colloquium. Room 114 Physics Building. Speaker: Professor R. M. Williamson.

- 4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Dr. Morton Lowengrub.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 6:30 p.m. Away Football Movie (Maryland). Page Auditorium.

Wednesday, October 5

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. W. F. Stinespring.
- 3:30 p.m. Varsity Soccer. Duke versus Roanoke College. Soccer Field.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The 400 Blows" with Jean-Pierre Leaud and Patrick Auffay. From the vanguard of new film-makers comes this French story of a young boy in a troubled world. The winner of the New York Film Critics Award "Best Foreign Film of the Year." Also an Academy Award nominee. First time in Durham.

Thursday, October 6

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Larry Bond.
- 1:00-1:30 p.m. YMCA Chapel Service. University Chapel. Speaker: Dr. Egil Grislis.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

5:00-6:00 p.m. Faculty Volleyball. Indoor Stadium.
 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speakers: Dr. Otto Meier, Professor R. E. Lewis, Mr. J. D. Wellons, Jr.
 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
 8:00 p.m. Duke Nursery School Parents Meeting. Bivins Building. Film discussion: Dr. Wally Reichenberg-Hackett.
 8:00 p.m. Reception for Divinity School. University House.
 8:00 p.m. A.A.U.P. Meeting. Union Ballroom.
 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, October 7

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Henry Riley.
 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Professor Edward E. Jones.
 8:00 p.m. Student Union Major Attraction: **The Four Freshmen Concert.** Indoor Stadium.

Saturday, October 8

Student Union Golf Tourney. Duke Golf Course.
 10:00 a.m. Divinity School Missions Committee Retreat.
 1:30 p.m. Varsity Football: Duke versus University of Michigan. Ann Arbor, Michigan.
 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The 400 Blows" with Jean-Pierre Leaud and Patrick Auffay. From the vanguard of new film-makers comes this French story of a young boy in a troubled world. The winner of the New York Film Critics Award "Best Foreign Film of the Year." Also an Academy Award nominee. First time in Durham.
 8:15 p.m. Chamber Arts Society present New York String Sextet. Music Room, East Duke Building.
 9:00-12:00 midnight. BOS-Sandals Dance. Woman's College Gymnasium.

THE UNIVERSITY SERVICE OF WORSHIP

World-Wide Communion Sunday will be observed with the service of Holy Communion on Sunday, October 2nd, at 11:00 a.m. in the University Chapel. The Reverend Professor James T. Cleland, Dean of the Chapel, will be the celebrant, and the sermon will be delivered by the Reverend Dr. Creighton Lacy, Associate Professor of Missions and Social Ethics. Senior Ministers will be the Reverend Howard C. Wilkinson, Chaplain, the Reverend Robert P. Hyatt, the Reverend Dr. John J. Rudin, II, and the Reverend Arthur Brandenburg.

ORGAN RECITAL JOHN WILLIAMS

The first organ recital of the academic year will be presented by John Williams, head of the Organ Department, Flora Macdonald College, on Sunday afternoon, October 2nd, at four o'clock in the University Chapel. The public is cordially invited to attend.

The program is as follows:

Prelude and Fugue in C Minor	Bach
Sonata I	Hindemith
Moderately Quick	
Very Slow	
Phantasie, Free	
Quietly Moving	
Lied	Vierne
Canon in B Minor	Schumann
Adeste Fidelis in an Organ Prelude	Ives
Choral in A Minor	Frauck

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:15, Training Union at above churches. Wednesday: 6:30 p.m., Forum, Old Ordnance Building. Rides from East and Hanes at 6:20.

Episcopal Student Fellowship. Sunday: 9:30 a.m., Holy Communion at the Episcopal Student Center by the Reverend Dr. H. P. Sullivan. 5:30 p.m., Canterbury Club will have a Wiener Roast followed by the service of compline. Rides will be furnished from East Campus and Hanes at 5:15.

Lutheran Student Association. Sunday, 6:30 p.m., 208 Flowers (West). Rides from East at 6:15 p.m. Wednesday, 7:15 a.m. and 8:15 a.m., Holy Communion in the Memorial Chapel. Rides from East at 7:00 and 8:00 a.m.

Methodist Student Fellowship. Sunday, 9:30 a.m., Seminars: I Faith and Life Curriculum, II Conscience on Campus, III Motive. 6:30 p.m., Worship and Evening Program, held at the Methodist Student Center, on Oregon Street. Wednesday, 6:00 p.m., Holy Communion.

Unitarian Fellowship. Sunday, 7:30 p.m., at the home of Mrs. E. C. Blackburn, 1010 Demerius Street, Speaker: Professor Robert W. Brinkley, Topic: "Some Recent Trends in the Philosophy of Religion."

United Student Fellowship. Sunday, 6:30 p.m., Pizza supper at the Church, West Main and Gregson. Rides will leave from the Chapel Steps and East Circle at 6:15 p.m.

Westminster Fellowship. Sunday, 9:30 a.m., Presbyterian Bible Class, 208 Flowers. 6:15 p.m., Westminster Fellowship, held in The Ark, Title "Service Opportunities in the State Hospitals for the Emotionally Disturbed." Wednesday, 5:15 p.m., Westminster Supper Club, East Campus Union.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 3rd, in Room 113, Biology Building, at 4:15 p.m. Dr. Oscar H. Paris, Department of Zoology, University of North Carolina, will speak on, "The Distribution, Behavior, and Demography of the Terrestrial Isopod *Armadillidium Vulgare* in California Grassland." Coffee will be served in Room 113 at 4:00 p.m. preceding the seminar.

DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will begin rehearsals for the Winter Concert on Monday evening, October 3rd, at 8:00 p.m. in the Durham High School practice room in the rear basement of the school auditorium.

The first concert will include works by Mozart, J. C. F. Bach, Charpentier and Handel. All experienced singers are urged to join the Society and share in the creative enjoyment of singing fine music. Professor Paul R. Bryan is the Director and Professor C. Alan Boneau is the President of the Society.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m., on Monday, October 3rd, in the Green Room, East Duke Building. The speaker will be Professor Bronislas Jezierski of the Department of Russian, who will discuss "Pushkin and English Literature." A cordial welcome is extended to old and new members and their guests.

PHYSICS COLLOQUIUM

The series of Physics Department Colloquia for this semester will start on Tuesday, October 4th. Professor R. M. Williamson, who recently returned from his Sabbatical at the University of Catania, Italy, will speak on "Physics Research in European Laboratories."

The colloquia will be held every alternate week in the Physics Department Building, Room 114, at 4:00 p.m.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, October 4th, at 4:00 p.m. in Room 135 Physics Building. The speaker, Dr. Morton Lowengrub, will discuss "Stress in the Vicinity of a Crack in a Thick Elastic Plate." Coffee will be served at 3:30 p.m. in Room 132 Physics Building.

Y.M.C.A. CHAPEL SERVICE

The Religious Activities Committee of the YMCA is sponsoring a weekly series of services held in the Chapel every Thursday from 1:00-1:30 p.m. They will consist of special music, an opportunity for the congregation to participate through hymns, litany, and sermon.

The speaker for the first three services will be Dr. Egil Grislis, Assistant Professor of Historical Theology in the Divinity School. His topic this week will be "Work and Worship."

SLIDE RULE LECTURE

The first of the annual Slide Rule Lectures presented in the Engineering Auditorium will be heard on Thursday, October 6th, at 7:00 p.m. Dr. Otto Meier, Professor R. E. Lewis, and Mr. J. D. Wellons, Jr., will discuss a brief history of slide rule development, practice in reading values on rules, care and adjustment. There will also be an exhibit of slide rules with details of cost, availability, and other pertinent information. A question period will follow the talks. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

DUKE NURSERY SCHOOL PARENTS MEETING

The Duke Nursery School Parents will meet on Thursday, October 6th at 8:00 p.m. in Bivins Building. A Gesell child development film will be shown and the discussion of the film will be led by Dr. Wally Reichenberg-Hackett. Interested parents are cordially invited to attend.

AAUP MEETING

The fall meeting of the Duke Chapter of the AAUP will be held in the Union Ballroom on Thursday, October 6th, at 8:00 p.m. The subject for discussion will be "Faculty Participation in the University Government." An agenda for the discussion will be sent to all members of the chapter prior to the meeting, but all members of the University Community are invited to attend.

PSYCHOLOGY COLLOQUIUM

The first meeting of the Fall Semester of the Psychology Colloquium will be held at 4:30 p.m., Friday, October 7th, in Room 209 Bivins Building, East Campus. Professor Edward E. Jones of the Psychology Department will speak on the subject "Person Perception in the Context of Social Interaction." All interested members of the University Community are invited to attend. Coffee will be served at 4:00 o'clock.

FOUR FRESHMEN CONCERT

The Student Union's Major Attraction Committee will sponsor the appearance of the "Four Freshmen," acclaimed last year as the "best vocal group" in the country by *Billboard*, *Downbeat*, and the *United Press International*, in a concert on Friday, October 7th, in the Indoor Stadium at 8:00 p.m. Tickets priced at \$1.00 will be available at the door.

CHAMBER ARTS SOCIETY NEW YORK STRING SEXTET

The Chamber Arts Society announces the first concert of its season, to be played by the New York String Sextet, Saturday, October 8th, in the Music Room, East Duke Building at 8:15 P.M. The musicians are Renato Bonaconi and Kees Kooper (Violins), Paul Doktor and Clifford Richter (Violas), Benar Heifetz and Janos Scholz (Cellos). The program follows:

Boccherini..... Sextet in F major, Opus 24, No. 5
Mendelssohn... Quintet No. 1 in A major, Opus 18 (2 violas)
Brahms..... Sextet No. 1 in B flat major, Opus 18
Other chamber music concerts scheduled this season include:

November 19 (Saturday)	Hungarian Quartet
December 10 (Saturday)	Duo di Roma (piano and cello)
January 21 (Saturday)	Vienna Octet
February 18 (Saturday)	Quartetto Italiano

Membership and Admission:

Membership Card admitting to the five concerts will cost \$10.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application.

Guest Card for single admission to any one concert will cost \$2.50. (About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

ADVANCE NOTICE TRINITY COLLEGE HISTORICAL SOCIETY ANNUAL FALL PICNIC

The annual fall picnic of the Trinity College Historical Society will be held on Sunday, October 9th, at 3:00 p.m., at the home of Professor and Mrs. John S. Curtiss on Guess Road. All members of the faculty, all graduate students in history, and all friends of the Society, and their families, are cordially invited to attend.

CANCER RESEARCH GRANTS

Duke University has been awarded an Institutional Cancer Research Grant from the American Cancer Society. All members of the University Community are invited to apply for grants in support of research in cancer or related areas.

Further information is available from the Office of the Chairman of the University Committee for the American Cancer Society Grant, Dr. Philip Handler, 237 Bell Building.

DUKE MADRIGAL SINGERS

The Duke Madrigal Singers will resume rehearsals and concerts this year under the direction of Eugenia Saville of the Music Department, recently returned from a year's study in Italy. Italian music old and new will form the core of the group's first project in November, to be followed by the annual Vespers in the Duke Chapel, concerts away, and the Spring Concert on campus. Monteverde, Lotti, Stradella, and the contemporary Ghedini are among the Italian composers to be studied; later programs will also feature cantatas and madrigals of French, and American composers.

Membership in the Madrigal Group is open to qualified persons with an affinity for and the ability to project vocal ensemble music. Auditions are currently being held and a few spaces are still available. Rehearsal times to be arranged. Interested persons may telephone for an appointment with Mrs. Saville at Durham 7-1234.

ARMY RESERVE OFFICERS SCHOOL

Members of the Duke University faculty, staff and student body who hold Army Reserve commissions are invited to participate in the Durham USAR School which is now beginning its 1960-'61 academic year.

Night classes in various Army branches will be conducted at 313 Foster Street. The classes will meet 24 times between now and next June, and also give opportunity for two weeks of active duty next summer.

Interested Army Reserve officers may receive additional information by visiting the school at the above address on Monday night between 7:30 p.m. and 9:30 p.m. or by contacting Clarence Whitefield (Duke Ext. 2823) or Clark Cook (Duke Ext. 3380).

Opportunities also exist for Duke Medical School students to receive direct commissions in the Army Medical Service Corps without waiting until they re-

ceive their M.D. degrees. Information regarding these opportunities is also available through the Durham USAR School.

NAVAL RESERVE MEETING

All Naval Reserve officers of the University Community (students, faculty, staff, etc.) are invited to join Naval Reserve Research Company 6-6. All required retirement and promotion points can be obtained within the framework of this unit which meets 24 times during the academic year. The first meeting for this year is on Monday, October 3rd. Lt. Lelaud Williams in Room 306, Duke Wing, OOR Building (Telephone 8-3265) can supply further details.

ENGLISH FOR FOREIGN STUDENTS

Foreign speaking members of the University Community may obtain help with their English by registering for English 100 at the Central Records Office. The class meets on Monday and Wednesday evenings from 7:00 to 8:30 p.m. in Room 316 Allen Building. Professor Joseph C. Wetherby will conduct the classes.

UNITED FUND DRIVE TO OPEN AT DUKE

The 1960 Durham United Fund campaign will be launched at Duke University on Monday, October 3rd.

The United Fund is the co-operative effort of the community to support 34 philanthropic agencies, which provide Durham people with health, family and child care, and recreation and youth services. The 1960 goal to support these agencies is \$451,326.00. You will be asked to give an hour's pay for each month of the year—this is "Your Finest Hour."

Co-Chairmen for the Duke University section of the Durham United Fund campaign are E. C. Bryson, Professor of Law and Duke University Attorney, and Clarence H. Cobb, Business Manager of the Medical Private Diagnostic Clinic, Duke Medical Center. Approximately one hundred other Duke faculty and staff members have volunteered to serve as captains.

When you are contacted by your captain, PLEASE GIVE TO THE UNITED FUND—PLEASE GIVE "YOUR FINEST HOUR."

ART LOAN COLLECTION

The Duke University Loan Collection is now available for rental in Room 103 Asbury Building. It is open to former members of the Duke Arts Council, faculty, staff, and students. These pictures are rented on a semester basis at the price of \$3.00 per semester to be paid in advance.

BOOK FAIR

Members of the University Community are invited to attend the third annual Durham Academy Book Fair to be held on October 4th, 5th, and 6th in Pickard Hall, Durham Academy, 803 South Duke Street. The hours will extend from 10:00 a.m. until 5:00 p.m. on the 4th and 6th, and from 10:00 a.m. until 8:00 p.m. on the 5th. Featuring a thousand titles from which the customer may order, the books will range in age suitability from infancy through teen years of high school.

WEEK OF
October 9-15, 1960

WEEK OF
October 9-15, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 9

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "A Christian in the World." Broadcast over Radio Station WDNC and WDNC-FM.

3:00 p.m. Trinity College Historical Society Annual Fall Picnic. Residence of Professor and Mrs. John S. Curtiss.

4:00 p.m. Duke Concert Band in Fall Lawn Concert. Sarah P. Duke Memorial Gardens.

Monday, October 10

2:00 p.m. The final examination of Mr. Thompson Arthur Mashburn for the Ph.D. degree in Chemistry. Room 303 Chemistry Building.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. William G. Carter.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:00 p.m. Durham Civic Choral Society Rehearsal. Durham High School practice room.

Tuesday, October 11

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Creighton Lacy.

11:30 a.m. Engineering Faculty Meeting. Room 140 Engineering Building. Speaker: Dr. Charles R. Vail.

3:00 p.m. Campus Club Tea honoring newcomers. University House.

3:00 p.m. Varsity Soccer. Duke versus Washington and Lee. Soccer Field.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbnry Building.

5:00-6:00 p.m. East Campns Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campns Union Lobby.

6:30 p.m. Away Football Movie (Michigan). Page Auditorium.

Wednesday, October 12

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Creighton Lacy.

4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Professor L. E. Anderson.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Magician" with Bibi Andersson and Max von Sydow. Sweden's Ingmar Bergman directs this award winning film. ". . . full of extraordinary thrills that flow and collide on several levels of emotion and intellect."—Crowther, N. Y. Times.

7:30 p.m. Modern Dance Club, Terpsichorean, Try-outs. The Ark.

8:00 p.m. Student Union "Last Lecture Series." Union Ballroom. Speaker: Dr. Grover Smith.

8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. L. C. Biedenharn.

Thursday, October 13

10:10 a.m. Divinity School Chapel. York Chapel.
Speaker: Dr. Clovis Chappell.

11:30 a.m.-12:30 p.m. Civil Engineering Seminar.
Room 120 Engineering Building. Speaker:
Dr. Edward H. Bryan.

1:00-1:30 p.m. Y.M.C.A. Vesper Service. University Chapel. Speaker: Professor Egil Grislis, Divinity School.

4:00 p.m. General Faculty Meeting. Page Auditorium.

4:45 p.m. Undergraduate Faculty Council. Room 208 Flowers Building.

4:15-6:00 p.m. Duke Marching Band Practice.
Coombs Field.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women:
faculty and staff members and students.

7:00 p.m. Slide Rule Lectures. Engineering Building. Speaker: Dr. John Artley.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:00 p.m. Mental Health Meeting. Council Room of City Hall. Speakers: Dr. Hans Lowenbach, Mr. Robinson Everett, Dr. Charles E. Llewellyn, Jr., and Mr. Eddie Brown.

8:00 p.m. Pre-Medical Society Meeting. Hospital Amphitheater. Speaker: Dr. J. E. Markee.

8:15 p.m. Student Union "Young Artists' Series": Rey de la Torre, classical guitarist. Page Auditorium.

Friday, October 14

Varsity Soccer. Duke versus University of Maryland. College Park, Maryland.

Freshman Football. Duke versus N. C. State College. Raleigh, North Carolina.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Bill Friday.

3:30 p.m. Ordnance Research Lecture. Conference Room 101 Ordnance Research Building. Speaker: Dr. Jack Oliver.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

4:30 p.m. Psychology Colloquium. Room 209 Bivins Building, East Campus. Speakers: Mr. Douglas DeNike and Mr. David Kemp.

5:00-6:00 p.m. East Campus Pool open for women : faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim ; those between the ages of 6 and 12 must be accompanied by their mothers.

Saturday, October 15

Varsity Cross-Country. Duke versus Clemson and the Citadel. Charleston, South Carolina.

2:00 p.m. Varsity Football. Duke versus N. C. State College. Indoor Stadium.

4:15 p.m. Student Union Open House. Union Ballroom

7:00 and **9:00 p.m.** Quadrangle Pictures. Page Auditorium. "The Magician" with Bibi Andersson and Max von Sydow. Sweden's Ingmar Bergman directs this award winning film. "... full of extraordinary thrills that flow and collide on several levels of emotion and intellect."—Crowther, N. Y. Times.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel will deliver the sermon at the University Service of Worship held in the University Chapel on Sunday, October 9th, at 11:00 a.m. His topic will be "A Christian in the World." The presiding minister will be the Reverend Robert P. Hyatt, Associate Director of Religious Life.

DUKE CONCERT BAND IN LAWN CONCERT

At four o'clock on Sunday afternoon, October 9th, the Duke University Concert Band, under the direction of Dr. Paul R. Bryan, will present its annual Fall Lawn Concert at the pergola in the Sarah P. Duke Memorial Gardens. This is the first of numerous concerts to be presented by the Concert Band in the 1960-1961 school year. The program is as follows:

"Sea Songs" March	Ralph Vaughan Williams
"Francesca da Rimini" Tone Poem	Tschaikowsky
"Bugler's Holiday"	Leroy Anderson
trumpet soloists: Lynn Russell	
Haviland Abbott	
Edward Keller	
Ben Gilliatt	
"Soliloquy for Trumpet"	John Morrissey
Pat Williams, trumpet	
"The Sound of Music" Medley	Rogers and Hammerstein
"Säterjenten's Sontag"	Ole Bull
(a mountain shepherdess' Sunday)	
Featuring the flute section	
"The Girl I Left Behind Me"	Leroy Anderson
"Poet and Peasant" Overture	Franz von Supp�

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. Thompson Arthur Mashburn for the Ph.D. degree in Chemistry will be

held on Monday, October 10th, at 2:00 p.m. in Room 303 Chemistry Building. The subject of Mr. Mashburn's dissertation is "Some Condensations and Related Reactions of Mono- and Bis-Acetylferrocenes." The committee to conduct the examination consists of Professors C. K. Bradsher, L. A. Bigelow, J. C. Poirier, and W. L. Byrne. Chairman C. R. Hauser, will preside.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 10th, in Room 113 Biology Building, at 4:15 p.m. Dr. William G. Carter, Department of Biology, Washington and Lee University, will speak on "Distribution of Ants in North Carolina with Special Reference to the Piedmont." Coffee will be served in Room 113 at 4:00 preceding the seminar.

DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will continue rehearsals for the Winter Concert on Monday evening, October 10th at 8:00 p.m. in Durham High School practice room in the rear basement of the school auditorium. The first concert will include works by Mozart, J. C. F. Bach, Charpentier, and Handel. All experienced singers are urged to join the Society and share in the creative enjoyment of singing fine music. Professor Paul R. Bryan is the Director and Professor C. Alan Boneau is the President of the Society.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, October 14, at 4:30 p.m. in Room 209 Bivins Building, East Campus. Mr. Douglas DeNike and Mr. David Kemp will present papers on "Observations of Community Mental Health Research and Practice." Coffee will be served at 4 o'clock.

ENGINEERING FACULTY MEETING

The Engineering Faculty will meet on Tuesday, October 11th, in Room 140 Engineering Building at 11:30 a.m. Dr. Charles R. Vail will be in charge of the program, "Research Projects of the Duke Department of Electrical Engineering."

CAMPUS CLUB

The Campus Club will honor newcomers to the University at the first tea of the year, on Tuesday afternoon, October 11th from 3:00 to 5:00 p.m., at University House, 403 West Chapel Hill Street. Hostesses for the tea will be wives of the staff of the Office of Ordnance Research and of the departments of Art, Music, and Education. Mrs. Donald Wylie will serve as chairman.

ROMANCE LANGUAGE TABLES

All students and interested members of the community are invited to participate in the French and Spanish Table Dinners to be held on each Tuesday

evening in the Woman's College Union. The groups will assemble in the Union Lobby at 5:30 p.m. These dinners provide pleasant opportunities to refresh one's ability to speak these two languages.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, October 12th, at 4:15 p.m. in Room 123 Science Building, East Campus. Professor L. E. Anderson, Department of Botany, will speak on "Tropical Bryophytes in the Blue Ridge Escarpment." Tea will be served at 4:00 p.m.

STUDENT UNION PRESENTS "LAST LECTURE SERIES"

The Student Union's Educational Affairs Committee will initiate a series of faculty lectures on Wednesday, October 12th, in the Union Ballroom at 8:00 p.m. The talks will be concerned with the individual's philosophy in relation to his own discipline. Professor Grover Smith of the English Department will be the first speaker. A social period will conclude the meeting.

A cordial invitation is extended to the faculty and staff by the student committee.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Wednesday, October 12th, at 8:00 p.m. in Room 114 Physics Building. Dr. L. C. Biedenharn of the Rice Institute will speak on "Semiclassical Theory of Angular Correlation."

CIVIL ENGINEERING SEMINAR

The second lecture of the Civil Engineering Seminar will be given by Dr. Edward H. Bryan. He will talk on "Some Aspects of Sanitary Engineering" on Thursday, October 12th, at 11:30 a.m. to 12:30 p.m. in Room 120 Engineering Building. His talk will refer to his work in waste utilization and control, chemical considerations, plastics, market research, and other topics.

Dr. Bryan, who has recently joined the Department of Civil Engineering as an associate professor, comes from Dow Chemical Company. Dr. Bryan is developing, organizing and expanding the Sanitary Engineering Laboratory in the Civil Engineering Department at Duke University.

All interested persons are invited.

GENERAL FACULTY MEETING AND UNDERGRADUATE FACULTY COUNCIL

A General Faculty meeting will be held at 4:00 p.m. on Thursday, October 13th, in Page Auditorium. A meeting of the Undergraduate Faculty Council will follow immediately in Room 208 Flowers Building. This will be the first meeting of the Council during the academic year 1960-61 and a full attendance is requested.

SLIDE RULE LECTURE

The second of the annual Slide Rule Lectures presented in the Engineering Auditorium will be heard on Thursday, October 13th, at 7:00 p.m. Dr. John Artley will lecture and direct practice in the use of C and D scales, multiplication, division, proportions, percentages, and the location of the decimal point. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

PRE-MEDICAL SOCIETY MEETING

The Pre-Medical Society will present Dr. J. E. Markee, Chairman of Admissions and Professor of Anatomy at the University Medical School, in a special program on Thursday, October 13th, at 8:00 p.m. in the hospital amphitheater.

STUDENT UNION PRESENTS REY DE LA TORRE, GUITARIST

The Student Union's Music and Arts Committee will sponsor a series of concerts known as "The Young Artists' Series" as an experiment in presenting to the members of the University Community young accomplished artists in all fields of art. The concert is free of charge and a cordial invitation is extended to all interested persons.

The series will begin with the well-known Cuban classical guitarist, Rey de la Torre, who will present his program in Page Auditorium on Thursday, October 13th, at 8:15 p.m. Mr. de la Torre is considered by critics to be one of the finest interpreters of the instrument. The program is as follows:

Gallardas	}	Gaspar Sanz (fl. 1670)
Pavanas		
Folias		
Andantino	}	Fernando Sor (1778-1839)
Three Studies		
Variations on a Theme by Mozart		
Two Cuban "Danzas"	II.	Ignacio Cervantes (1847-1905) Antonio Lauro (b. 1917-) Julian Orbon (b. 1925-)
Valse Criollo		
Preludio y Tocata		
Choros No. 1	III.	Heitor Villa-Lobos (1887-1959)
Three Studies		
Minueto		
Four Preludes (Nos. 1, 2, 3, 4)	}	Francisco Tarrega (1852-1909)
Three Catalonian Melodies		Miguel Llobet (1875-1938)
La Filla del Marqués		
El Testamento de n'Amelia		
El Mestre		
Spanish Dance No. 5		Enrique Granados (1867-1916)
Leyenda		Isaac Albeniz (1860-1909)

MENTAL HEALTH MEETING

The Durham County Association for Mental Health will hold its annual meeting on Thursday, October 13th, at 8:00 p.m. in the Council Room of City Hall. The panel, composed of Dr. Hans Lowenbach, Mr. Robinson Everett, Dr. Charles E. Llewellyn, Jr., and Mr. Eddie Brown, will discuss the topic "Is There a Need for a Mental Health Association in Durham County?"

All members are expected and all interested in today's Number One Health Problem are invited. Representatives who attend will secure for their organizations useful information and study materials.

ADVANCE NOTICE ORGAN RECITAL

A Guest Organ Recital will be presented on Sunday afternoon, October 16th, at 4:00 p.m., in the University Chapel. The Guest Organist will be the distinguished Mr. E. Power Biggs. The public is cordially invited to attend.

TRINITY COLLEGE HISTORICAL SOCIETY ANNUAL FALL PICNIC

The annual fall picnic of the Trinity College Historical Society will be held on Sunday, October 9th, at 3:00 p.m., at the home of Professor and Mrs. John S. Curtiss on Guess Road. All members of the faculty, all graduate students in history, and all friends of the Society, and their families, are cordially invited to attend.

STUDENT LOAN REPRODUCTIONS

The Student Loan Reproductions are available, free of charge, in Room 103 Asbury Building. The framed paintings, suitable for use in dormitory rooms, may be obtained on Mondays through Fridays between the hours of 9:00 a.m. and 5:00 p.m.

ART LOAN COLLECTION

The Duke University Art Collection is now available for rental in Room 103 Asbury Building. It is open to former members of the Duke Arts Council, faculty, staff, and students. These pictures are rented on a semester basis at the price of \$3.00 per semester to be paid in advance.

PHI BETA KAPPA PRELIMINARY NOTICE

The first meeting of the Duke Chapter of Phi Beta Kappa will be held on Wednesday, October 26th, at 4:00 p.m. in Room 211 Divinity Building. The important business of this meeting will be undergraduate elections. All members of the staff and faculty of Duke University who are also members of Phi Beta Kappa are eligible for active membership in the local chapter. Those not already on the roll should notify Professor W. F. Stinespring, 105 Divinity School.

WEEK OF
October 16-22, 1960

WEEK OF
October 16-22, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 16

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Donald L. Hand,
Student Carillonneur.
11:00 a.m. University Service of Worship. University
Chapel. Preacher: The Reverend Dr.
Hugh Anderson, Associate Professor of Biblical
Theology, The Divinity School. Sermon: "Asking
the Right Questions." Broadcast over
Radio Station WDNC and WDNC-FM.
4:00 p.m. Guest Organ Recital: E. Power Biggs.
University Chapel.

Monday, October 17

- Varsity Cross Country: Duke versus University
of South Carolina. Columbia, S. C.
4:15 p.m. Zoology Departmental Seminar. Room
113 Biology Building. Speaker: Dr. Irwin
Fridovich.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.

Tuesday, October 18

- 10:10 a.m. Divinity School Chapel. York Chapel.
Mr. Howard.
2:30 p.m. The final examination of Mr. Leland H.
Williams for the Ph.D. degree in Mathematics.
Room 219 Physics Building.

- 4:00 p.m. Mathematics Seminar. Room 135 Physics
Building. Speaker: Dr. David Appling.
4:15-6:00 p.m. Duke Concert Band Rehearsal.
Room 208 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.
5:30 p.m. French Table and Spanish Table. East
Campus Union Building.
8:00 p.m. Faculty Club Meeting. University
House. Speaker: Dr. Taylor Cole.

Wednesday, October 19

- 10:10 a.m. Divinity School Chapel. York Chapel.
Chaplain Wilkinson.
4:15 p.m. Joint Seminar: Biology and Botany.
Room 113 Biology Building. Speaker: Dr.
Bernard D. Davis.
5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.
7:00 p.m. Chapel Choir Rehearsal. University
Chapel.
7:00 and 9:00 p.m. Quadrangle Pictures. Page
Auditorium. "The Cranes Are Flying" with
Tatyana Samoilova. Durham's first showing
of this Grand Prize Winner at the Cannes Internationa Film Festival. A part of the U.S.
State Department cultural exchange agreement
with the Soviet Union, it is an "extraordinary
prize-winning film!"—Crowther, N.Y. Times.
Note: Will not be shown Saturday due to Duke
Players performance.

IMPORTANT—Notices for the Duke University Calendar should be submitted
IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later
than 1:00 p.m., Thursday. Telephone 2911.

- 8:00 p.m. Joint Duke-U.N.C. Colloquium. Physics Building, University of North Carolina.
- 8:00 p.m. Delta Phi Alpha, German Honorary. Faculty Lounge, West Campus Business meeting and initiation of new members.

Thursday, October 20

Varsity Soccer: Duke versus Davidson College. Davidso, N. C.

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Richard Weingart.
- 1:00-1:30 p.m. Y.M.C.A. Vespers, University Chapel.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speaker: Professor Ernest Elsevier.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, October 21

- 10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion. Dr. W. A. Kale.
- 2:00 p.m. The final examination of Mr. Robley Jasper Light for the Ph.D. degree in Chemistry. Room 303 Chemistry Building.
- 3:15-5:15 p.m. Shoe 'u' Slipper Week-end Concert: Les Brown Band. Indoor Stadium.
- 3:45 p.m. The final examination of Mr. George H. Shriver, Jr., for the Ph.D. degree in Religion. Library Conference Room.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building.
- 5:00-6:00 p.m. East Campns Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 7:15 p.m. Public Address: Adlai Stevenson. Indoor Stadium. The guest of the Student Union.
- 8:30 p.m. Duke Players present "Born Yesterday." Page Auditorium.
- 9:30 p.m.-1:00 a.m. Shoe 'n' Slipper Dance. (Informal). Indoor Stadium. Les Brown Band.

Saturday, October 22

Varsity Cross-Country: Duke versus University of Maryland. College Park, Md.

- 2:00 p.m. Varsity Football: Duke versus Clemson College. Stadium.

- 8:30 p.m. Duke Players present "Born Yesterday." Page Auditorium.
- 9:00-12:00 p.m. Shoe 'n' Slipper Dance (Formal). Indoor Stadium. The Glenn Miller Orchestra under the leadership of Ray McKinley.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Hugh Anderson, Associate Professor of Biblical Theology in the Divinity School, will deliver the sermon at the University Service of Worship held in the University Chapel on Sunday, October 16th, at 11:00 a.m. His topic will be "Asking the Right Questions." The presiding minister will be the Reverend Howard C. Wilkinson, Chaplain to the University.

The service of worship is as follows:

Carillon Prelude—"Aria Pastorella"	Rathgeber
" In Dulci Jubilo "	Bach
Organ Prelude—"Psalm XVIII"	Marcello
" Adagio "	Fiocco
Call to Worship—"The Lord Is in His Holy Temple"	Harrington
Hymn—"Joyful, Joyful, We Adore Thee"	Beethoven
Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Anthem—"Adoramus te, Christe"	Mozart
Scripture—Genesis 1:1-13	
Hymn—"O For a Thousand Tongues to Sing"	Glaser
Call to Prayer	
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication	
The Offering	
Offertory Organ Interlude	
Anthem—"Alleluia"	Luening
Response—The Doxology	
Prayer of Dedication	
Sermon—"Asking the Right Questions"	
Prayer	
Benediction	
Choral Response—"Sevenfold Amen"	Stainer
The Chimes	
Organ Postlude—"Chaconne" in G minor	Couperin

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15, Training Union at above churches. Wednesday: 6:30 p.m., Forum, Old Ordnance Building. Speaker: Dr. Sam Hill from the University of North Carolina, "A Christian View of Race Relations." Rides from East and Hanes at 6:20.

Episcopal Student Fellowship. Sunday: 9:30 a.m., Holy Communion and coffee hour at the Duke Episcopal Student Center. 6:30 p.m., Canterbury Club: Evensong followed by the program: Byron Battle reports on his visit to the USSR. Rides from East and Hanes at 6:15. Wednesday, 8:00 p.m., Corporate Communion for all Episcopalians in the Academic Community. The service will be a Choral Eucharist with music under the direction of David Pizzaro of St. Philip's Church and choir of St. Philip's will sing. Dr. Allan Reddick will be the preacher, the Gospeller

—Dr. H. P. Sullivan, and the Chaplain will be the celebrant. Everyone welcome. Rides from East at 7:45.

Lutheran Student Association. Sunday, 6:30 p.m., 208 Flowers, Miss Barbara Mann will speak on "Oueness in Christ"; impressions of experience with student group in Europe of this past summer. Rides from East at 6:15. Wednesday, 7:15 a.m. and 8:00 a.m., Holy Communion in the Memorial Chapel of Duke Chapel. Rides from East at 7:00 a.m.

Methodist Student Fellowship. Sunday, 9:30 a.m., Sunday morning classes at the Methodist Student Center on Oregon Street, 6:30 p.m., Worship and Evening Program at Methodist Student Center. Wednesday, 6:00 p.m., Holy Communion.

Unitarian Fellowship. Sunday, 7:30 p.m., Room 201 Flowers Building. Miss Elizabeth Lansing will speak on, "What Is Humanism?"

United Student Fellowship. The USF will attend the E. Power Biggs organ recital in Duke Chapel at 4:00 p.m. Members will meet at the Chapel entrance at 3:45 p.m. and will eat together in the East Campus Union after the recital.

Westminster Fellowship. Sunday, 9:30 a.m., Presbyterian Bible Class, 2127 Myrtle Drive. 6:15 p.m., held in The Ark; Rev. Robert L. Johnson, Chaplain to Methodist Students at the University of North Carolina will be the speaker. Wednesday, 5:15 p.m., Westminster Supper Club, East Campus Union. 7:30 p.m., Canterbury Study Group at the Episcopal Student Center.

E. POWER BIGGS IN GUEST ORGAN RECITAL

E. Power Biggs, internationally famous organist, will be presented in a varied program of outstanding organ music on Sunday afternoon, October 16th, at four o'clock in the University Chapel. Mr. Biggs, who has played in most of the great cathedrals of the world, is always a welcomed guest on campus. The public is extended a cordial welcome to his concert.

His program will be as follows:

JAN PIETERZON SWEELINCK

Balletto del Granduca
Five Varieties

BERNARDO PASQUINI

Partita sopra la Aria della
Folia da Espagna
with Five Varieties

ANTONIO VALENTE

La Romanesca
with Five Varieties

JOHANN SEBASTIAN BACH

Passacaglia and Fugue in C
minor

JEHAN ALAIN

Litanies

CESAR FRANCK

Pastorale in E major

MARCEL DUPRE

Variations on a Noel

Moderato—Larghetto—
Poco animato—Cantabile
—Vif—Viveace—Plus
modere—Vivace—
Cantabile—Anime—
Fugato—Presto

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 17th, in Room 113 Biology Building at 4:15 p.m. Dr. Irwin Fridovich, of the Biochemistry Department, will speak on "Radicals in Enzyme Reactions." Coffee will be served in Room 113 at 4:00 preceding the seminar.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Leland H. Williams for the Ph.D. degree in Mathematics will be held on Tuesday, October 18th, 1960, at 2:30 p.m. in Room 219 Physics Building. The subject of Mr. Williams' dissertation is "Extended Algebra of Polynomials in Several Variables for a Digital Computer." The committee to conduct the examination consists of Professors J. J. Gergen, J. R. Schoenfeld, T. M. Gallie, Jr., and E. Greuling. Chairman E. J. Murray will preside.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, October 18th, at 4:00 p.m. in Room 135 Physics Building. The speaker, Dr. David Appling, will discuss, "Concerning Integrals." Coffee will be served at 3:30 in Room 132.

FACULTY CLUB MEETING

The Duke University Faculty Club will meet on Tuesday, October 18th, at 8:00 p.m. at the University House. The speaker for the meeting will be Dr. Taylor Cole, who has just returned from a year in Nigeria. His subject will be "Independent Nigeria." At this meeting members of the club are asked to bring as guests people who are interested in becoming members of the club.

JOINT SEMINAR: BIOLOGY AND BOTANY

The Zoology and Botany Departments will hold a joint seminar on Wednesday, October 19th, in Room 113 Biology Building at 4:15 p.m. Dr. Bernard D. Davis, Head of the Department of Bacteriology and Immunology at Harvard Medical School, will speak on "Microbes and the Unity of Biology." Coffee will be served in Room 113 at 4:00 preceding the seminar.

SLIDE RULE LECTURE

The third of the annual Slide Rule Lectures presented in the Engineering Auditorium will be heard on Thursday, October 20th, at 7:00 p.m. Professor Ernest Elsevier will lecture on combined operations using the C, D, CI, DI, CR, A, and B scales. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Wednesday, October 19th, at 8:00 p.m. in the Physics Building, University of North Carolina. The speaker will be Dr. John Firor of the Department of

Terrestrial Magnetism, Washington, D. C. Dr. Firor's topic will be "The Solar Corona."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robley Jasper Light for the Ph.D. degree in Chemistry will be held on Friday, October 21st, at 2:00 p.m. in Room 303 Chemistry Building. The subject of Mr. Light's dissertation is "Some Acylations and Aldol Type Condensations Involving Dicarbanions of Beta-Diketones. Certain Cyclizations." The committee to conduct the examination consists of Professors Pelham Wilder, Jr., L. A. Bigelow, J. C. Poirier, and E. A. Davidson. Chairman C. R. Hauser will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. George H. Shriver, Jr., for the Ph.D. degree in Religion will be held on Friday, October 21st, 1960, at 3:45 p.m. in the Library Conference Room. The subject of Mr. Shriver's dissertation is "Philip Schaff's Concept of Organic Historiography Interpreted in Relation to the Realization of an 'Evangelical Catholicism' within the Christian Community." The committee to conduct the examination consists of Professors H. Shelton Smith, Robert Cushman, Waldo Beach, and Ernest Nelson. Chairman Ray C. Petry will preside.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, October 21st, at 4:30 p.m. in Room 209 Bivins Building, East Campus. Dr. Anthony Davids, Associate Professor of Psychology, Brown University, and Chief Psychologist at Emma Pendleton Bradley Hospital, will speak on the subject "Psychological Study of Emotional Factors in Pregnancy and Childbirth." Coffee will be served at 4:00 p.m.

PUBLIC ADDRESS: ADLAI STEVENSON

Governor Adlai Stevenson will be heard in a public address on Friday evening, October 21st, at 7:15 p.m. in the Indoor Stadium. Brought to North Carolina by the State Democratic Party, Mr. Stevenson will appear on campus under the auspices of the Duke Student Union's Educational Affairs Committee. Members of the University Community and the public are cordially invited to attend this meeting.

DUKE PLAYERS PRESENT 'BORN YESTERDAY'

Duke Players will present Garson Kanin's comedy "BORN YESTERDAY" in Page Auditorium Friday and Saturday, October 21st and 22nd, at 8:30 p.m. Admission will be one dollar or by season ticket. Season tickets (\$3 for four productions) will be on sale during production week and on the evenings of the performances. The box office in Page will be open for reservations and ticket sales Monday through Thursday afternoons from two until five o'clock, and on Friday and Saturday from two o'clock until curtain time. Reservations may be made by phone, extension 2911.

SHOE 'N' SLIPPER ANNOUNCEMENT

Complimentary tickets for the Shoe 'n' Slipper Week-end events are available to members of the faculty and staff during office hours in Room 118 Allen Building, the office of Dean Robert B. Cox.

JUNIOR ENGLISH EXAMINATION

The Junior English Examination will be administered on Tuesday, October 25th, from 7:00 until 8:30 p.m. Every Junior will be informed by letter as to whether he is to take this examination and to which testing area he is to report.

All Juniors who earned at least a B and a C, or the equivalent, in English 1-2, and all Juniors who had English 1 waived, will be exempted from the Junior English Examination. All other Juniors, including those who had only English 1 at Duke University and all transfer students, will take the examination. (The regulation does not apply to students of the College of Engineering, which has special course requirements in English composition in addition to English 1-2.) Students with irregular schedules resulting from acceleration, or from transferring to Duke after the fall of their Junior year should take the examination in the fall of the year most nearly approximating their fifth semester. All students except those indicated above must take the examination; it is a requirement for graduation. Students who are proved deficient by this examination will be required to complete satisfactorily a special, noncredit laboratory course in Remedial English.

DUKE UNIVERSITY NURSERY SCHOOL OPENING

There is an opening in the four-year-old group in the Duke University Nursery School. For further information or an application, please contact Marie Hinman, Director, University Extension 3673.

ADVANCE NOTICE KORKES MEMORIAL LECTURE

The Fourth Annual Korkes Memorial Lecture will be presented by Professor F. H. C. Crick who will discuss "The Genetic Control of Protein Synthesis" in the Hospital Amphitheater on Monday, October 24th, at 7:30 p.m. Dr. Crick is Professor of Biophysics at the University of Cambridge. All interested members of the University Community are cordially invited.

ESTABLISHMENT OF THE BALDWIN MEMORIAL FUND

Many friends of the late Dr. Alice M. Baldwin, first Dean of The Woman's College, have expressed a desire to establish a memorial in her honor. Contributions to a special memorial fund to be applied to The Alice M. Baldwin Scholarship Fund may be sent to Mrs. Emmet Lee in the East Campus Treasurer's Office or to Miss Anne Garrard in the Alumni Office. Checks should be made payable to The Baldwin Memorial Fund.

WEEK OF
October 23-29, 1960

WEEK OF
October 23-29, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 23

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: Bishop Richard C. Raines, Bishop of the Indianapolis, Indiana Area, The Methodist Church. Sermon: "Democracy in a Struggling World." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, October 24

3:00-5:00 p.m. Registration for Christian Convocation. North Carolina Pastors' School, and James A. Gray Lectures. Information Desk, Flowers Building. See special notice.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30 p.m. Fourth Annual Korkes Memorial Lecture. Hospital Amphitheatre. Speaker: Professor F. H. C. Crick.

Tuesday, October 25

10:10 a.m. Divinity School Chapel. Speaker: Dr. W. A. Kale. University Chapel.

4:00 p.m. Physics Department Colloquium. Room 114 Physics Department. Speaker: Professor Horst Meyer.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.

6:15 p.m. Kappa Delta Pi Meeting. Green Room, East Duke Building.

7:00 p.m. Junior English Examination.

7:00 p.m. University Religious Council sponsors the film, "Mark of the Hawk." Page Auditorium.

7:30 p.m. Durham YWCA International Dessert Coffee. Durham YWCA.

Wednesday, October 26

4:00 p.m. Phi Beta Kappa Elections. Room 211 Divinity School.

4:15 p.m. Botany Seminar. Room 123 Science Building. Speaker: Dr. Charles B. Heiser, Jr.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

7:30 p.m. Quadrangle Pictures. Page Auditorium. William Shakespeare's "Richard III," starring Laurence Olivier, John Gielgud, Claire Bloom, Ralph Richardson, Alec Clunes, Cedric Hardwicke, Helen Hayes, and Esmond Knight. In Technicolor. "Olivier and a brilliant cast bring new life to Shakespeare!"—Life. One showing only.

Thursday, October 27

- 10:10 a.m. Divinity School Chapel. Speaker: Mr. Justin Haruyama. York Chapel.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Dr. Sudhir Kumar.
- 1:00 p.m. YMCA Mid-week Service. University Chapel. Speaker: Dr. Robert N. DuBose.
- 2:00 p.m. Final examination of Mr. William A. Mauer for the Ph.D. degree in Economics. Room 106B Social Science Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speaker: Professor J. N. Macduff.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, October 28

- 10:10 a.m. Divinity School Chapel. Speaker: Mr. Sinclair Lewis. York Chapel.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30 p.m. Psychology Colloquium. Room 208 Bivins Building. Speaker: Dr. Michael Wertheimer.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 8:15 p.m. Homecoming Show. Indoor Stadium.

Saturday, October 29

Homecoming Week-end.

- 2:00 p.m. Varsity Football: Duke versus Georgia Tech. Stadium.
- 4:15 p.m. Student Union Open House. Union Ballroom.

7:30 p.m. Quadrangle Pictures. Page Auditorium. William Shakespeare's "Richard III," starring Laurence Olivier, John Gielgud, Claire Bloom, Ralph Richardson, Alec Clunes, Cedric Hardwicke, Helen Hayes, and Esmond Knight. In Technicolor. "Olivier and a brilliant cast bring new life to Shakespeare!"—Life. One showing only.

9:00-12:00 p.m. Homecoming Dance. Card Gymnasium.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Worship will be held on Sunday, October 23rd, at 11:00 a.m. Bishop Richard C. Raines, Bishop of the Indianapolis, Indiana Area of the Methodist Church, will deliver the morning sermon entitled "Democracy in a Struggling World." The order of Worship is as follows:

- Presiding Minister: The Reverend Professor James T. Cleland, Dean of the Chapel
- Carillon Prelude—"Fuga" from Sonata III Bach Variations on a 14th Century Plainsong
- Organ Prelude—"Concerto I" in G minor Handel Larghetto Allegro Adagio Andante
- Call to Worship—"The Lord Is in His Holy Temple" Harrington
- Hymn—"O Worship the King" J. M. Haydn
- Prayer of Confession
- Words of Assurance
- The Lord's Prayer
- Scripture—Psalm 1
- Hymn—"Once to Every Man and Nation Welsh Hymn Melody
- Call to Prayer
- The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication
- The Offering
- Offertory Organ Interlude
- Anthem—"Here on Earth Have We No Continuing Place" Brahms
- John Dobson—Baritone Soloist
- Response—The Doxology
- Prayer of Dedication
- Sermon—"Democracy in a Struggling World"
- Prayer
- Benediction
- Choral Response—"Sevenfold Amen" Stainer
- The Chimes
- Organ Postlude—"Fugue" in E minor Bach

KORKES MEMORIAL LECTURE

The Fourth Annual Korkes Memorial Lecture will be presented by Professor F. H. C. Crick who will discuss "The Genetic Control of Protein Synthesis" in the Hospital Amphitheatre on Monday, October 24th, at 7:30 p.m. Dr. Crick is Professor of Biophysics at the University of Cambridge. All interested members of the University Community are cordially invited.

PHYSICS DEPARTMENT COLLOQUIUM

The second Physics Department Colloquium will meet on Tuesday, October 25th, at 4:00 p.m. in Room 114 Physics Department. Professor Horst Meyer will lecture on the subject, "Recent Measurements of Nuclear Susceptibility in He³."

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, October 28th, at 4:30 p.m. in Room 209 Bivins Building. Dr. Michael Wertheimer of the Department of Psychology, University of Colorado, will speak on the subject, "Fumblings in Figural After-Effects." Coffee will be served at 4:00 p.m.

1960 HOMECOMING SCHEDULE

Friday, October 28

- 9:00 a.m.-9:00 p.m. General Alumni Registration. Alumni Lounge, West Campus Union.
6:00-8:00 p.m. Judging of Campus Displays. West Campus Dormitory Quadraugle. (It is suggested that visitors try to see the displays at this time.)
6:30-8:00 p.m. Fraternity Open Houses.
8:15 p.m. Homecoming Show and Pep Rally. Skits by Co-eds, Music by Duke Ambassadors, and Crowninig of Homecoming Queen. Indoor Stadium.

Saturday, October 29

- 9:00 a.m.-6:00 p.m. General Alumui Registration. Alumni Lounge, West Campus Union.
9:00 a.m. Engineering Aluuni Registration. Laboratories Opeu for Inspection. College of Engineering.
9:00 a.m.-12:00 noon. Forestry School Open House. Forestry School.
9:30 a.m. Coffee Hour for Engineering Alumni and their Wives and Guests. Library, College of Engineering.
10:00-11:00 a.m. Coffee Hour for School of Nursing Alumnae as Guests of School of Nursing Faculty. Hanes House.
10:00-11:00 a.m. Coffee Hour for Woman's College Alumnae as Guests of Woman's College Staff. East Duke Building.
10:30 a.m. Engineering Alumni Business Meeting. Room 125, College of Engineering.
10:30 a.m. Reunion 1925 Football Team.
11:30 a.m.-1:00 p.m. Alumni Barbecue. Card Memorial Gymnasium. West Campus.
2:00 p.m. Varsity Football Game. Duke vs. Georgia Tech. Duke Stadium.
4:30 p.m. Fraternity Open Houses. Alumni cordially invited.
4:30 p.m. Law School Open House. Lounge, Law School Building.
9:00 p.m.-12:00 midnight. Homecoming Dance. Card Memorial Gyunasium. West Campus.

FEATURE-WRITING INVITATION FOR FACULTY MEMBERS

The News and Observer (Raleigh) feature editor is anxious to bring new writers and fresh ideas to the feature section of that paper. He is, therefore, interested in articles and essays from members of the Duke faculty, especially those dealing with discussions of trends and changes in the political, social, and economic climate of North Carolina and the South. He is interested in stories on Tar Heel health, habits, business, and other activity.

Faculty members who are interested in this invitation should contact the Duke University Bureau of Public Information (Ext. 2823), or write directly to Mr. Jim Chaney, Feature Editor, News and Observer, Raleigh, N. C.

GRADUATE LIFE COMMITTEE DISCUSSION GROUPS

The Graduate Life Committee of the University Religious Council announces the formation of three discussion groups especially for graduate students. The subjects which the groups will consider are as follows: (I) **Faith and Learning**—Discussion of the responsibility of the community of faith in the com-

munity of learning led by Reverend W. C. Smith, Jr. (II) **The Image of Man in Contemporary Thought**—Discussion of the nature of man as seen by contemporary scientists, artists and theologians led by Reverend Art Brandenburg. (III) **The Nature of Higher Education**—Discussion of the purpose and goals of higher education led by Reverend Robert P. Hyatt.

Any graduate student interested in these discussions should leave his name, address and discussion group preference with the Chapel secretary (ext. 2921). Interested students will then be contacted by a member of the Graduate Life Committee.

ADVANCE NOTICE MUSIC FACULTY SERIES: JOHN HANKS, TENOR

The first program of the Music Department Faculty Series for 1960-'61 will be presented by John Hanks at 4:00 p.m. in the Music Room of East Duke Building on Sunday, October 30th. Mr. Hanks will present a program, "Songs by American Composers" and will be accompanied by Ruth Friedberg at the piano. The public is cordially invited to attend. The program will be as follows:

I

THE SENIOR GROUP

1. Edward MacDowell (1861-1908)
 Thy Beaming Eyes (W. H. Gardner)
2. Charles Loeffler (1861-1935)
 A Dream Within A Dream (E. A. Poe)
3. Charles Ives (1874-1951)
 - a. From "Paraceleus" (Robert Browning)
 - b. Charlie Rutlage (Cowboy Ballad)
4. Richard Hageman (1882-)
 Do Not Go My Love (R. Tagore)
5. John Alden Carpenter (1876-1951)
 When I Bring To You Colored Toys (R. Tagore)
6. Charles Griffes (1884-1920)
 - a. By A Lonely Forest Pathway (N. Lenau)
 English translation by Chapuan
 - b. An Old Song Re-Sung (John Masefield)

II

THE MIDDLE GROUP

1. Werner Josten (1888-)
 Adoration (John Keats)
2. John Duke (1895-)
 - a. White In The Moon (A. E. Housman)
 - b. Viennese Waltz (Elinor Wylie)
 - c. There Will Be Stars (Sara Teasdale)
3. Roy Harris (1898-)
 Fog (Carl Sandburg)
4. Aaron Copland (1900-)
 The Chariot (Emily Dickinson)

Intermission

III

THE JUNIOR GROUP

1. Ross Lee Finney (1906-)
 Drinking Song (B. Franklin)
2. Paul Nordoff (1909-)
 White Nocturne (Conrad Aiken)
3. Norman Dello Joio (1913-)
 Meeting At Night (Robert Browning)
4. Paul Bowles (1911-)
 Heavenly Grass (Tennessee Williams)
5. Samuel Barber (1910-)
 - a. Sure On This Shining Night (Jaimes Agee)
 - b. Nocturne (Frederic Prokosc)
 - c. I Hear Au Army (James Joyce)

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 a.m. at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m., Training Union at above churches. Wednesday, 6:30 p.m. Forum, Old Ordnance Building, Speaker: The Rev. Robert P. Hyatt, leading in a study of the 1960 Baptist Student Union Convention theme, "Committed to His Lordship." Rides from East and Hanes at 6:20.

Episcopal Student Fellowship. Sunday: 9:30 a.m., Holy Communion at the Duke Episcopal Student Center. 6:30 p.m., Canterbury Club: Evening Prayer. Rides from East and Haues at 6:15. Wednesday, 7:10 a.m., Holy Communion at the Episopal Student Center.

Lutheran Student Association. Sunday: 6:30 p.m., 208 Flowers Building. Byron Battle reports on his visit to the USSR. Rides from East at 6:15 p.m. Wednesday, 7:15 a.m. and 8:00 a.m., Holy Communion in the Memorial Chapel of Duke Chapel. Rides from East at 7:00 a.m.

Methodist Student Fellowship. Sunday, 9:30 a.m., Seminars. 6:30 p.m., Worship and Evening Program held at the Methodist Student Center on Oregon Street: Samuel Motsuenyani will speak on "Awakening Africa." Wednesday, 6:00 p.m., Holy Communion, 7:00, Faith and Life Study.

Westminster Fellowship. Sunday, 9:30 a.m., Presbyteriau Bible Class, 2127 Myrtle Drive. 6:15 p.m., Westminster Fellowship, held in The Ark, Title: "What It Means to Be a Presbyterian," by Dr. W. C. Bennett, Pastor, Trinity Avenue Presbyterian Church. Wednesday, 6:00 p.m., Westminster Supper Club, East Campus Uniou.

CHRISTIAN CONVOCATION NORTH CAROLINA PASTORS' SCHOOL JAMES A. GRAY LECTURES

The Christian Convocation and North Carolina Pastors' School together with the James A. Gray Lectures will hold a series of meetings on the campus from Monday, October 24 through Wednesday, October 26.

The James A. Gray lecturer this year will be Dr. Jaroslav J. Pelikan, Jr., Professor of Historical Theology in the University of Chicago. The Convocation Preacher is Bishop Richard C. Raines, Bishop of the Methodist Church, Indiana Area.

The schedule follows:

SCHEDULE

Monday, October 24

3:00-5:00 p.m.—Registration. Information Desk, Flowers Building.

5:15 p.m.—Alumni Class Reunion Dinners.

Dinner for Board of Managers, Speakers, and Staff. Old Trinity Room.

7:00 p.m.—The James A. Gray Lectures. General theme: *Christ the Light of the World*.

I. "God's Darkling World." Dr. Jaroslav Pelikan. Page Auditorium.

8:30 p.m.—Convocation Sermon. "Who Is He?" Bishop Richard C. Raines. University Chapel.

9:30 p.m.—Late Registration. Flowers Building Lobby.

Tuesday, October 25

9:00 a.m.—Special Lectures on *The Imperative for Christian Social Witness*.

I. "The Pastor and Social Witness." The Reverend A. Dudley Ward. 208 Flowers Building.

Special Lectures on *The Presence of Christ and the Lord's Supper*.

I. "Luther and Zwingli: The Human and Divine Natures of Christ." Dr. Egil Grislis. York Chapel.

10:10 a.m.—Morning Chapel Service. Dr. W. Arthur Kale. University Chapel.

11:00 a.m.—Gray Lecture. II. "The Radiance of the Father." Dr. Pelikan. Page Auditorium.

12:15 p.m.—Alumni Association Luncheon. The Reverend A. C. Waggoner, President. Union Ballroom.

2:30 p.m.—Lecture. II. "The Congregation and the Community." Mr. Ward. 208 Flowers Building.

Lecture. II. "Calvin: The Work of the Holy Spirit." Dr. Grislis. York Chapel.

7:00 p.m.—Gray Lecture. III. "Salvation and Illumination." Dr. Pelikan. Page Auditorium.

8:30 p.m.—Convocation Sermon, "Who Are We?" Bishop Raines. University Chapel.

Wednesday, October 26

9:00 a.m.—Lecture. III. "Issues That Make a World of Difference." Mr. Ward. 208 Flowers Building.

Lecture. III. "Wesley: A Converting Ordinance." Dr. Grislis. York Chapel.

10:15 a.m.—Alumni Lecture. Dr. Finis A. Crutchfield. Page Auditorium.

11:30 a.m.—Gray Lecture. IV. "Children of the Light." Dr. Pelikan. Page Auditorium.

1:00 p.m.—Luncheon. Executive Committee of the Board of Managers.

2:30 p.m.—Meeting of Alumni Officers and Class Agents.

KAPPA DELTA PI MEETING

Kappa Delta Pi, Education honorary society, will sponsor a discussion concerning the duties of student teachers during their practice-teaching assignments and what their supervising teachers look for in student teachers. Leaders of the discussion will be public-school teachers and principals.

All who expect to become studeut teachers during the fall or spring, and all other prospective teachers are especially invited to this meeting at 6:15 p.m. in the Green Room of East Duke Buildiug, Tuesday, October 25th.

DURHAM YWCA INTERNATIONAL DESSERT COFFEE

In observance of United Nations Week, the Durham YWCA cordially invites members of the University Community to the YWCA International Dessert Coffee on Tuesday, October 25th, at 7:30 p.m. To be held at the YWCA on 515 W. Chapel Hill Street, the function is sponsored jointly by the local YWCA and the International Council.

JUNIOR ENGLISH EXAMINATION

The Junior English Examination will be administered on Tuesday, October 25th, from 7:00 until 8:30 p.m. Every Junior will be informed by letter as to whether he is to take this examiuation and to which testing area he is to report.

All Juniors who earned at least a B and a C, or

the equivalent, in English 1-2, and all Juniors who had English 1 waived, will be exempted from the Junior English Examination. All other Juniors, including those who had only English 1 at Duke University and all transfer students, will take the examination. (The regulation does not apply to students of the College of Engineering, which has special course requirements in English composition in addition to English 1-2). Students with irregular schedules resulting from acceleration, or transfer to Duke after the fall of their Junior year, should take the examination in the fall of the year most nearly approximating their fifth semester. All students except those indicated above must take the examination; it is a requirement for graduation. Students who are proved deficient by this examination will be required to complete satisfactorily a special, noncredit laboratory course in Remedial English.

URC SPONSORS FILM "THE MARK OF THE HAWK"

A motion picture, *The Mark of the Hawk*, is being presented on Tuesday evening, October 25th, in Page Auditorium, beginning at 7:00 p.m. It is a featured event in the program of the Special Observances Committee of the Duke University Religious Council. Charles Walls is chairman of the sponsoring committee. The film, open to the public without charge, is in color and will feature two of the most distinguished actors in the motion picture industry. It deals with the upsurge of freedom in Africa, the rise of new African nations, the threat and the techniques of the international Communist conspiracy, the role of Christian missions, and the influence of all these forces upon the future of peace and justice in Africa.

PHI BETA KAPPA FALL ELECTIONS

The fall meeting of the Duke Chapter of Phi Beta Kappa will be held on Wednesday, October 26th, at 4:00 p.m. in Room 211 Divinity School. Undergraduate elections will be the main business of this meeting. All staff and faculty members of the Society are eligible to vote. Those not already on the roll should notify the Secretary, Professor W. F. Stinespring, 105 Divinity School.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, October 26th, at 4:15 p.m. in Room 123 Science Building, East Campus. Dr. Charles B. Heiser, Jr., Botany Department, Indiana University, Bloomington, Indiana, will speak on "Variation Patterns in the Annual Sunflowers (*Helianthus*).". Tea and coffee will be served at 4:00 p.m.

DUKE MADRIGAL GROUP

The Duke Madrigal Group is now rehearsing regularly Wednesdays and Thursdays from 4:30-6:00 p.m. in Room 109 Asbury Building. Directed by Gene Saville of the Music Department, the group is preparing for its first concert of the fall season to be held Sunday afternoon, November 13th, at 4:00 p.m. in the Music Room of East Duke Building. Italian chamber

vocal music from the Renaissance to the present forms the first project, with composers Monteverde, Lotti, and Ghedini, among these represented. Qualified persons interested in exploring the more unusual smaller vocal forms are invited to participate. Besides the November program, the group prepares its annual Christmas Vespers service in the Duke Chapel, concerts away, recording sessions, and the annual Spring Madrigal Singing.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will meet on Thursday, October 27th, at 11:30 a.m. in Room 120 Engineering Building with Dr. Sudhir Kumar as speaker. In his talk, "Stress Wave Propagation in Solids," he will discuss some basic concepts of propagation of stress in solids under dynamic loads like shocks or explosions. The differences between these concepts and those of vibration and rigid body dynamics analysis shall also be discussed. All interested persons are invited.

Dr. Kumar came to Duke University as a Visiting Lecturer in Civil Engineering in September, 1958 from the Pennsylvania State University where he was an assistant professor. At present he is also serving in the Engineering Sciences Division of the Office of Ordnance Research, U. S. Army, as Chief of the Solid Mechanics Branch.

YMCA MID-WEEK SERVICE

The speaker for the YMCA mid-week worship service to be held Thursday, October 27th, at 1:00 p.m. in the University Chapel will be Dr. Robert N. DuBose. Dr. DuBose formerly served the University as Director of Religious Activities from 1945-1948. He is presently District Superintendent of the Spartanburg, South Carolina District of the Methodist Church. The speaker the following week will be Dr. Frank Baker of the Undergraduate Department of Religion.

SLIDE RULE LECTURE

The fourth in the series of Slide Rule Lectures will be held in the Engineering Auditorium on Thursday, October 27th, at 7:00 p.m. Professor J. N. Macduff will speak on the use of S, T, and ST scales, discussing combined operations using trigonometric and other scales. It is suggested that those attending the lecture bring their slide rules in order to participate more fully.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William A. Mauer for the Ph.D. degree in Economics will be held on Thursday, October 27th, at 2:00 p.m. in Room 106B Social Science Building. The subject of Mr. Mauer's dissertation is "An Econometric Analysis of Consumers' Expenditures with Special Reference to the Expenditures for Durable Goods." The committee to conduct the examination will consist of Professors C. E. Ferguson, Frank T. deVyver, C. B. Hoover, T. M. Gallie, and J. J. Spengler. Professor Ferguson will preside.

WEEK OF
Oct. 30-Nov. 5, 1960

WEEK OF
Oct. 30-Nov. 5, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, October 30

Denominational Meetings. Please see special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "An Analogical Doctrine of Man." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Music Faculty Series: John Hanks, Tenor. Music Room, East Duke Building.

Monday, October 31

3:00-5:00 p.m. Tryouts for Duke Players' Performance: "The Crucible."

7:00-10:00 p.m. Branson Hall, East Campus.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. David G. Doherty.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

Tuesday, November 1

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Kenneth Clark.

11:30 a.m. Engineering Faculty Meeting. Room 140 Engineering Building. Speaker: Mr. W. L. Brinkley, Jr.

3:00-5:00 p.m. Tryouts for Duke Players' Performance: "The Crucible." Branson Hall, East Campus.

4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Dr. J. R. Shoenfield.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.

Wednesday, November 2

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Kenneth Clark.

4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Dr. T. A. Smith.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Would-Be Gentleman" (Le Bourgeois Gentilhomme) with Jean Meyer, Louis Seigner, and Jacques Charon. The Comedie Francaise presents for the first time on the screen a performance of Molière's famous comedy. "Not to be missed! Marvel-

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- ous, sprightly, sparkling, in richly glowing color!"—Saturday Review. First time in Durham. In Eastman color with English titles.
- 8:15 p.m. Trent Memorial Lecture. Speaker: Dr. Oswei Temkin. Topic: "Does Medicine of the Past Need Re-evaluation?" Hospital Amphitheatre.

Thursday, November 3

- 10:10 a.m. Divinity School Morning Chapel. York Chapel. Speaker: Mr. Henry Riley.
- 1:00 p.m. YMCA Mid-week Service. University Chapel. Speaker: Dr. Frank Baker.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speaker: Prof. J. N. Maeduff. Topic: Sine, Cosine, and Tangent Scales.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, November 4

DAD'S DAY WEEK-END

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Lamar Schmitz.
- 3:30 p.m. Economics Seminar. Room 117 Social Science Building. Speaker: Professor Musgrave.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building, East Campns. Speaker: Dr. C. C. Perkins.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 8:15 p.m. Dad's Day Concert. Men's Glee Club, Women's Glee Club, Chapel Choir. Page Auditorium.

Saturday, November 5

- 2:00 p.m. Varsity Football: Duke versus U.S. Naval Academy. Stadium.
- 4:15 p.m. Student Union Open House. Union Ballroom.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Would-Be Gentleman" (Le Bourgeois Gentilhomme) with Jean Meyer, Louis Seigner, and Jacques Charon. The Comedie Francaise presents for the first time on the screen a performance of Molière's famous comedy. "Not to be missed! Marvelous, sprightly, sparkling, in richly glowing color!"—Saturday Review. First time in Durham. In Eastman color with English titles.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Worship will be held in the University Chapel on Sunday, October 30th, at 11:00 a.m. The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the morning sermon, "An Analogical Doctrine of Man." The Order of Worship will be as follows:

- Presiding Minister: The Reverend Howard C. Wilkinson, Chaplain to the University
- Organ Prelude—"Dialogue on the Mixtures" *Langlais*
"Prelude and Fugue" in E flat *Saint-Saens*
- Call to Worship—"The Lord Is in His Holy Temple" *Harrington*
- Hymn—"A Mighty Fortress Is Our God" *Martin Luther*
- Prayer of Confession
- Words of Assurance
- The Lord's Prayer
- Anthem—"Gloria in Excelsis"—Twelfth Mass *Mozart*
- Scripture—Genesis 49 (selected verses)
- Hymn—"For All the Saints" *Ralph Vaughan Williams*
- Call to Prayer
- The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition, and Dedication
- The Offering
- Offertory Organ Interlude
- Anthem—"Hallelujah Chorus" from Mount of Olives *Beethoven*
- Response—The Doxology
- Prayer of Dedication
- Sermon—"Au Analogical Doctrine of Man"
- Prayer
- Benediction
- Choral Response—"Sevenfold Amen"
- The Chimes
- Organ Postlude—"Toetta" from the Fifth Symphony *Widor*

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15, Training Union at above churches. Wednesday: 6:30 p.m., Forum, Old Ordinance Building, Speaker: Mr. Harold Cole, North Carolina Baptist Student Union Secretary, Subject: "Committed to His Lordship." Rides from East and Hanes at 6:20.

Episcopal Student Fellowship. Holy Communion will be celebrated at 9:30 a.m., Sunday morning at the Episcopal Student Center by the Rev. J. W. O'Brien. Breakfast will follow. Canterbury Club meets at 6:30 with Evening Prayer. The program will be a discussion of work done by students at the State Hospital in Raleigh this summer. Rides will be furnished, leaving East and Hanes House at 6:15.

Lutheran Student Association. Sunday: 6:30 p.m., 208 Flowers Building. Law students, Don Dietrich and Phil Hubbard, will discuss, "The Political Issues." Rides from East at 6:15 p.m. Wednesday: 7:15 a.m. and 8:00 a.m., Holy Communion in the Memorial Chapel of Duke Chapel. Rides from East at 7:00 a.m.

Methodist Student Fellowship. Sunday: 9:30 a.m., Sunday morning classes at the Methodist Student Center on Oregon Street, 6:30 p.m. Worship, 7:15 p.m., Forum, "Some Common Misconceptions About Russia," Byron Battle, Speaker. Wednesday: 6:00 p.m., Holy Communion.

United Student Fellowship. Sunday: The U.S.F. will meet at the Christian Church, Main and Gregson, at 6:30 p.m. The topic for discussion will be, "Reflections on Man by An Atomic Physicist" led by Dr. Donald J. Fluke, advisor to the group. Rides: East Circle and Chapel Steps at 6:15.

Westminster Fellowship. Westminster Fellowship Synod of North Carolina Retreat, Camp New Hope.

MUSIC FACULTY SERIES: JOHN HANKS, TENOR

The first program of the Music Department Faculty Series for 1960-'61 will be presented by John Hanks at 4:00 p.m. in the Music Room of East Duke Building on Sunday, October 30th. Mr. Hanks will present a program, "Songs by American Composers" and will be accompanied by Ruth Friedberg at the piano. The public is cordially invited to attend. The program will be as follows:

I

THE SENIOR GROUP

1. Edward MacDowell (1861-1908)
Thy Beaming Eyes (W. H. Gardner)
2. Charles Loeffler (1861-1935)
A Dream Within A Dream (E. A. Poe)
3. Charles Ives (1874-1951)
a. From "Paraceleus" (Robert Browning)
b. Charlie Rutlage (Cowboy Ballad)
4. Richard Hageman (1882-)
Do Not Go My Love (R. Tagore)
5. John Alden Carpenter (1876-1951)
When I Bring To You Colored Toys (R. Tagore)
6. Charles Griffes (1884-1920)
a. By A Lonely Forest Pathway (N. Lenau)
English translation by Chapman
b. An Old Song Re-Sung (John Masefield)

II

THE MIDDLE GROUP

1. Werner Josten (1888-)
Adoration (John Keats)
2. John Duke (1895-)
a. White In The Moon (A. E. Housman)
b. Viennese Waltz (Elinor Wylie)
c. There Will Be Stars (Sara Teasdale)
3. Roy Harris (1898-)
Fog (Carl Sandburg)
4. Aaron Copland (1900-)
The Chariot (Emily Dickinson)

Intermission

III

THE JUNIOR GROUP

1. Ross Lee Finney (1906-)
Driuking Song (B. Franklin)
2. Paul Nordoff (1909-)
White Nocturne (Conrad Aiken)
3. Norman Dello Joio (1913-)
Meeting At Night (Robert Browning)
4. Paul Bowles (1911-)
Heavenly Grass (Tennessee Williams)
5. Samuel Barber (1910-)
 - a. Sure On This Shining Night (James Agee)
 - b. Nocturne (Frederic Prokosch)
 - c. I Hear An Army (James Joyce)

DUKE PLAYERS' TRYOUTS

Tryouts for Arthur Miller's THE CRUCIBLE, second production of the Duke Players for this season, will be held on Monday, October 31st, from 3:00 to 5:00 in the afternoon, and from 7:00 to 10:00 in the evening; and on Tuesday, November 1st, from 3:00 to 5:00 in the afternoon. All tryouts will be in Branson Hall, East Campus. This play has a large cast, and has more roles for women than is usual. The Players will welcome a large turnout and urge all interested students, whether undergraduate or graduate, to come to Branson to read for parts in this challenging and important play.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 31st, in Room 113 Biology Building, at 4:15 p.m. Dr. David G. Doherty, Oak Ridge National Laboratory, will speak on "Chemical Protection Against Ionizing Radiation." Coffee will be served in Room 113 at 4:00 preceding the seminar.

ENGINEERING FACULTY MEETING

The Engineering Faculty will meet at 11:30 a.m., Tuesday, November 1st, in Room 140 Engineering Building. Mr. W. L. Brinkley, Jr., Associate Registrar, will speak on the topic "Problems Related to Undergraduate Admissions at Duke."

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, November 1st, at 4:00 p.m. in Room 135 Physics Building. The speaker, Dr. J. R. Shoenfield, will discuss "Fubini's Theorem in Logic." Coffee will be served at 3:30 in Room 132.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, November 2nd, at 4:15 p.m. in Room 123 Science Building, East Campus. Dr. T. A. Smith, Postdoctoral, Department of Botany, will speak on "Studies on Plant Catalases." Tea and coffee will be served at 4:00 p.m.

SLIDE RULE LECTURE

The fifth in the series of Slide Rule Lectures will be held in the Engineering Auditorium on Thursday, November 3rd, at 7:00 p.m. Professor J. N. Macduff will speak on the use of Sine, Cosine, and Tangent scales. These lectures are sponsored jointly by Tau

Beta Pi and The Order of St. Patrick. All interested persons are invited to attend.

ECONOMICS SEMINAR

Professor Richard A. Musgrave of the Johns Hopkins University will address the Economics Seminar on Friday, November 4th, at 3:30 p.m. in Room 117 Social Science Building. Professor Musgrave will speak on the relation of tax policy to economic growth.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, November 4th, at 4:30 p.m. in Room 209 Bivins Building, East Campus. Dr. C. C. Perkins of the Department of Psychology, Emory University, will speak on the subject "The Effect of Delaying Reward and Punishment on Choice Behavior." Coffee will be served at 4 o'clock.

DAD'S DAY WEEK-END EVENTS

The schedule of events for the Dad's Day Weekend, sponsored by the YMCA, is as follows:

Schedule of Events

Friday, November 4

- 4:00 p.m. Registration in Lounge of Flowers' Building.
5:30 p.m. Informal Reception for Fathers in Lounge of Flowers' Building.
6:00 p.m. Official Dads' Day Banquet:
Duke Uniou: Dr. J. Deryl Hart, Speaker.
Union Ballroom: Dr. Hugh Auderson, Speaker.
8:15 p.m. Joint Fall Concert by The Men's Glee Club and Women's Glee Club. Page Auditorium.

Saturday, November 5

- 8:10-12:30. Opportunity to tour campus and to attend classes with son.
11:00 a.m. Picnic at Indoor Stadium.
2:00 p.m. Duke vs. Navy, Duke Stadium.
Sunday, November 6

9:30 a.m. York Bible Classes.
11:00 a.m. Interdenominational Service of Worship, Duke Chapel. Sermon by Dr. Harold Bosley.

DAD'S DAY CONCERT

The annual Dad's Day Concert will be presented on Friday, November 4th, at 8:15 p.m. in Page Auditorium. The musical groups, under the direction of Paul Young, will include members of the Men's Glee Club, Women's Glee Club and the Chapel Choir. The concert is open to the public with an admission charge of \$1.00 per person, seating unreserved. The program is as follows:

I

Czecho-Slovakian Dance Song Popular Melody
Arr. by Charles F. Manney

Hello, Young Lovers from "The King and I" Richard Rodgers

My Johnny Was a Shoemaker English Folksong
Arr. by Deems Taylor Benjamin Britten

Old Abram Brown Women's Glee Club

II

I Hear a Harp Johannes Brahms
Come Away, Death

Greetings

Song from Ossian's Fingal Horns: Dr. William E. DeTurk, James Neal Huffaker

Harp: Emily Kellum Women's Glee Club

III

Gloria Patri Giovanni Palestrina
Arr. by Howorth

Alleluia! Today Is Christ Risen
Adoramus Te
O Filii et Filiae

Jacob Handl
Giovanni Palestrina
Vlockmar Leisring

Meu's Glee Club
The E-RI-E Americau Folk tune from the Great Lakes
Arr. by Elliot Forbes

Po' Mourner's Got a Home at Last Negro Spiritual
Arr. by Marshall Bartholomew

Brush Up Your Shakespeare from
"Kiss Me Kate" Cole Porter

Meu's Glee Club

INTERMISSION

V

Behold a Star from Jacob Shining from "Christus"
Felix Mendelssohn-Bartholdy

Sanetus from "Requiem" Gabriel Faure
Glorious Is Thy Name from "Twelfth Mass" W.A. Mozart

Crucifixus from the "Mass in B-Minor" Johann Sebastian Bach

Hallelujah Chorus from "Mount of Olives" L. van Beethoven
Duke University Chapel Choir

ADVANCE NOTICE FRITZ LONDON MEMORIAL LECTURE

The Duke Chapter of the Society of Sigma Xi announces the fifth Fritz London Memorial Lecture on Monday, November 7th, at 8:00 p.m. in the Auditorium of the Physics Building.

Dr. Cornelius G. Gorter, Professor Physics at the University of Leiden and Director of the Kamerlingh Onnes Laboratory will speak on "Superconductivity—History, Present State, and Applications."

ADVANCE NOTICE LECTURE ON WILLIAM BECKFORD

Mr. Boyd Alexander, of Berkshire, England, will deliver an illustrated lecture entitled "William Beckford, Eccentric Genius, Collector and Man of Taste" on Monday, November 7th, at 8:00 p.m. in the Union Ballroom, West Campus. Sponsored by the Graduate English Club, the Friends of Duke University Library, and the Department of English, the lecture is open to the public.

Mr. Alexander, formerly of Magdalen College, Oxford, has worked on the William Beckford papers since 1948 and now has the custody of these papers by special permission of their owner, the Duke of Hamilton. In 1955 he edited Beckford's previously unpublished *Journal in Portugal and Spain*. In 1957 he published a collection of Beckford's letters, translated from the Italian and French, under the *Life at Fonthill*. He is now at work on a book to be called *England's Wealthiest Son*, based on unpublished material in the Beckford papers. Mr. Alexander is a member of the Society of Authors, and of the Royal Institute of International Affairs. He has lectured at several American universities, among which are Yale, Pennsylvania, and Virginia.

RENTAL RECORD COLLECTION

The record collection owned by the Duke University Arts Council is being serviced by the Department of Music. A collection of 530 records may be rented at the rate of \$.10 for four days and \$.05 a day thereafter. The collection is housed in 106 Asbury Building and is available to students, faculty, and former members of the Arts Council from 2:30 to 10:00 p.m. Sunday through Friday and 2:30 to 5:00 p.m. on Saturday.

WEEK OF
Nov. 6-12, 1960

CALENDAR

WEEK OF
Nov. 6-12, 1960

OF

DUKE UNIVERSITY



Events of the Week

Sunday, November 6

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Harold A. Bosley, Minister, First Methodist Church, Evanston, Illinois. Sermon: "What Are You Worth?" Broadcast over Radio Station WDNC and WDNC-FM.

7:30 p.m. Wesley Players present "Frog Wood." Methodist Student Center.

Monday, November 7

4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. Paul J. Flory.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Richard B. Setlow.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Bowling for Faculty and Staff. Bowling alleys in Ark, East Campus.

8:00 p.m. Lecture on William Beckford. Union Ballroom, West Campus. Speaker: Mr. Boyd Alexander.

- 8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor William Klenz.
8:00 p.m. Fritz London Memorial Lecture. Auditorium of the Physics Building. Speaker: Dr. Cornelius G. Gorter.
8:15 p.m. Wesley Players present "Frog Wood." Methodist Student Center.

Tuesday, November 8

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Hans Hillerbrand.

12:30 p.m. Campus Club Luncheon. Hope Valley Country Club. Speaker: Mrs. Mollie Bernheim.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.

8:15 p.m. Wesley Players present "Frog Wood." Methodist Student Center.

8:30 p.m. YMCA-YWCA Election Returns Open House. The Ark, East Campus. Open to all.

Wednesday, November 9

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Hans Hillerbrand.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:00 p.m. Physiology Lecture. Hospital Amphitheater. Speaker: Dr. Erling Asmussen.

4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Dr. Robert L. Barnes.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00-7:00 p.m. Coffee Hour sponsored by: University Religious Council Interfaith and Fellowship Committee. Flowers Lounge.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Young Man With a Horn" with Kirk Douglas, Lauren Bacall, Doris Day, and Hoagy Carmichael. The film is a benefit showing for the W.S.G.A. Foreign Student Fund and this will be the only showing.

8:15 p.m. Wesley Players present "Frog Wood." Methodist Student Center.

Thursday, November 10

- 10:10 a.m. Divinity School Chapel. York Chapel.
Speaker: Mr. David Townsend.

11:30 a.m. Civil Engineering Seminar. Room 120
Engineering Building. Speaker: Dr. Earl I.
Brown, II.

1:00 p.m. YMCA Mid-week Service. University
Chapel.

4:00 p.m. Undergraduate Faculty Council Meeting.
Room 208 Flowers Building.

4:15-6:00 p.m. Duke Marching Band Practice.
Coombs Field.

4:30-6:00 p.m. Duke Madrigal Group Rehearsal.
Room 109 Asbury Building.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.

7:30-9:45 p.m. Duke Symphony Orchestra Re-
hearsal. Room 208 Asbury Building.

8:00 p.m. Pre-Medical Society Meeting. Hospital
Amphitheatre. Speaker: Dr. William J. A.
deMaria.

8:15 p.m. West Campus Swimming Pool open to
faculty members and their families. Faculty
children will be admitted only when accom-
panied by their parents.

8:15 p.m. Faculty Club Meeting. University House.
Speaker: Mr. Horace Kornegay.

8:15 p.m. Wesley Players present "Frog Wood."
Methodist Student Center.

Friday, November 11

- 10:10** a.m. Divinity School Chapel. York Chapel.
Speaker: Miss Beverly Brown.

12:30 p.m. Muslim Students Association. Room 207
Flowers Building.

- 3:00 p.m. Duke Freshman Football: Duke versus Wake Forest College. Stadium.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Robert C. Beck.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

8:15 p.m. All-Star Artists' Series: Marcel Marceau. Page Auditorium.

Saturday, November 12

- 2:00 p.m.** Varsity Football: Duke versus Wake Forest College. Winston-Salem, N. C.

2:00 p.m. Student Union East-Hanes Bridge Tournament. The Ark, East Campus.

7:00 and **9:00 p.m.** Quadrangle Pictures. Page Auditorium. "Eugene Onegin" Tchaikowski's famous opera, inspired by Alexander Pushkin's poem, features the soloists, chorus and Corps de Ballet and Orchestra of the Bolshoi Theater and Leningrad Theater of Opera and Ballet. In color. "A delight to both eye and ear."—N.Y. Times.

UNIVERSITY SERVICE OF WORSHIP

The Sunday morning worship service will be held in the University Chapel at 11:00 a.m., November 6th. The sermon, delivered by The Reverend Dr. Harold A. Bosley, Minister of the First Methodist Church, Evanston, Illinois, will be "What Are You Worth?" The Reverend Howard C. Wilkinson, Chaplain to the University, will preside:

The order of worship is as follows:

- | | |
|---|------------------|
| Organ Prelude—“Concerto I” in G major | Bach |
| Allegro, Grave, Presto | |
| “O Guiltless Lamb of God” | Bach |
| Call to Worship—“The Lord Is in His Holy Temple” | Harrington |
| Hymn—“For the Beauty of the Earth” | Conrad Kocher |
| Prayer of Confession | |
| Words of Assurance | |
| The Lord’s Prayer | |
| Anthem—“Hear the Voice and Prayer” | Thomas Tallis |
| Scripture—Mark 8:31-37 | |
| Hymn—“O For a Thousand Tongues to Sing” | Carl G. Gläser |
| Call to Prayer | |
| The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition, and Dedication | |
| The Offering | |
| Offertory Organ Interlude | |
| Anthem—“The Last Words of David” | Randall Thompson |
| Response—The Doxology | |
| Prayer of Dedication | |
| Sermon—“What Are You Worth?” | |
| Prayer | |
| Benediction—Choral Response “Sevenfold Amen” | Stainer |
| The Chimes | |
| Organ Postlude—“Toccata and Fugue” in D minor | Bach |

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:15, Training Union at above churches. Wednesday: 6:30 p.m., Forum, Old Ordnance Building, Speaker: Mr. Louie Klieves, Duke Graduate Student in Religion, Subject: "What Is Man?" Rides from East and Hanes at 6:20.

Episcopal Student Fellowship. Holy Communion will be celebrated at 9:30 a.m. Sunday at the Episcopal Student Center by the Rev. J. W. O'Brien. Cauterbury Club meets at 6:30 with Evening Prayer. Program for the evening will be "Truth and Orthodoxy"—a panel and general discussion led by Dr. H. Womble. Rides will be furnished from East and Hanes House at 6:20.

Lutheran Student Association. 9:45 a.m. Sunday, Sunday School at local churches. 6:30 p.m., 208 Flowers Building, "The Reformation and Today," open discussion by students of various denominational group viewpoints. Rides from East Campus at 6:15 p.m. Wednesday, 7:15 a.m. and 8:00 a.m., Holy Communion in Memorial Chapel of Duke Chapel. Rides from East at 7:00 a.m.

Methodist Student Fellowship. Sunday, 6:30 p.m., Worship. The Rev. Walter McDonald, Speaker. 7:30 p.m., Premier performance of "Frog Wood" by Thomas Atkins. Wednesday, 6:00, Holy Communion.

United Student Fellowship. Sunday, 6:30 p.m., The beginning of an exploration which will last for several weeks on the topic of "The Power of God." Dr. Orval Wiutermute, of the Religion and Divinity Schools at Duke, will be the speaker. Rides to the Christian Church leave the Chapel and Circle at 6:15 p.m.

Unitarian Fellowship. Sunday, 7:30 p.m., At the home of Prof. and Mrs. Henry Newson, 1111 N. Gregson Street. "Science and Religion," Prof. Newson leading the discussion.

Westminster Fellowship. Sunday, 9:30 a.m., Presbyterian Bible Class, Chaplain's Office, 6:15 p.m., The Ark, Westminster Fellowship, "Crisis in Africa" by Dr. Albert Berrian, Professor of Romance Languages at N. C. College. Wednesday, 6:00 p.m., Westminster Super Club, East Campus Union. Thursday, 7:15 a.m., East Duke Chapel, Holy Communion, Communion Breakfast afterwards.

WESLEY PLAYERS PRESENT "FROG WOOD"

The Wesley Players, drama society of the Duke Methodist Student Center, will present "Frog Wood," an original full length play by Trinity College senior, Thomas Atkins of Mobile, Alabama, on the evenings of November 6th-10th at the Methodist Student Center. The production is directed and staged by Earl McCarroll, '61, president of Duke Players. Curtain time on Sunday, November 6th will be at 7:30 p.m. and on all other nights at 8:15 p.m. General admission will be priced at \$.75 a person.

CHEMISTRY STAFF SEMINAR

Dr. Paul J. Flory from Mellon Institute, Pittsburgh, Pennsylvania, will speak at the Chemistry

Staff Seminar on Monday, November 7th, in Room 01 of the Chemistry Building at 4:00 p.m. The subject of Dr. Flory's address will be "Chain Configuration and Phase Transitions in Polymers and Proteins." All interested persons are invited.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 7th, in Room 113 Biology Building at 4:15 p.m. Dr. Richard B. Setlow, Biophysics Department, Yale University, will speak on, "Action Spectra and the Physical State of DNA." Coffee will be served in Room 113 at 4:00 preceding the seminar.

FRITZ LONDON MEMORIAL LECTURE

The Duke Chapter of the Society of Sigma Xi announces the fifth Fritz London Memorial Lecture on Monday, November 7th, at 8:00 p.m. in the Auditorium of the Physics Building.

Dr. Cornelius G. Gorter, Professor of Physics at the University of Leiden and Director of the Kamerlingh Onnes Laboratory will speak on "Superconductivity—History, Present State, and Applications."

LECTURE ON WILLIAM BECKFORD

Mr. Boyd Alexander, of Berkshire, England, will deliver an illustrated lecture entitled "William Beckford, Eccentric Genius, Collector and Man of Taste" on Monday, November 7th, at 8:00 p.m. in the Union Ballroom, West Campus. Sponsored by the Graduate English Club, the Friends of Duke University Library, and the Department of English, the lecture is open to the public.

Mr. Alexander, formerly of Magdalen College, Oxford, has worked on the William Beckford papers since 1948 and now has the custody of these papers by special permission of their owner, the Duke of Hamilton. In 1955 he edited Beckford's previously unpublished *Journal in Portugal and Spain*. In 1957 he published a collection of Beckford's letters, translated from the Italian and French, under the *Life at Fonthill*. He is now at work on a book to be called *England's Wealthiest Son*, based on unpublished material in the Beckford papers. Mr. Alexander is a member of the Society of Authors, and of the Royal Institute of International Affairs. He has lectured at several American universities, among which are Yale, Pennsylvania, and Virginia.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, November 7th, in the Green Room, East Duke Building. The speaker will be Professor William Klenz of the Department of Music, who will speak on "A Sett of Shakespeare." A cordial welcome is extended to all members and their guests.

CAMPUS CLUB LUNCHEON

The annual Campus Club luncheon will be held at the Hope Valley Country Club on Tuesday, November 8th, at 12:30 p.m. The speaker for the occasion will be Mrs. Mollie Bernheim, Associate Professor of Biochemistry and author of the recent popular book, "A

Sky of My Own." Mrs. Bernheim, who holds a flight instructor's rating, will discuss the joys of flying.

The hostess department, the Medical School wives and women faculty and staff, will have as its chairman Mrs. Keith Grimson.

PHYSIOLOGY LECTURE

A Physiology Lecture by Dr. Erling Asmussen, Professor of Physiology at the University of Copenhagen, will be given on Wednesday, November 9th, at 4:00 p.m. in the Hospital Amphitheater. Dr. Asmussen, who is one of the leading authorities on the physiology of exercise will speak on the topic "Regulation of Pulmonary Ventilation in Exercise."

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, November 9th, at 4:15 p.m. in Room 123 Science Building, East Campus. Dr. Robert L. Barnes, Research Forester, U.S. Forest Service, will speak on "Nitrogen Transport in Trees." Tea and coffee will be served at 4:00 p.m.

PRE-MEDICAL SOCIETY MEETING

Dr. William J. A. deMaria, Assistant in Pediatrics at Duke Hospital, will address the Pre-Medical Society on the topic "Pediatrics," Thursday, November 10th, at 8:00 p.m. in the Hospital Amphitheatre.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will meet on Thursday, November 10th, at 11:30 a.m. in Room 120 Engineering Building with Dr. Earl I. Brown, II, as speaker. In his talk, "Torsional Effects in Reinforced Concrete," he will present some results of his research in Structural Analysis in Reinforced Concrete. This field has been of a major research interest for Dr. Brown.

Dr. Brown recently came to Duke University as Professor and Head of the Department of Civil Engineering from Auburn University where he was Assistant Dean of Engineering from 1958-60. Before this, he headed the Department of Civil Engineering at the same University from 1954-58. He has also been on the faculty of the North Carolina State College and Georgia Institute of Technology. Dr. Brown received his M.S. from N.C. State in 1949 and his Ph.D. from the University of Texas in 1954.

All interested persons are invited to attend the seminar.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, November 10th, in Room 208 Flowers Building.

FACULTY CLUB

The Faculty Club will meet at 8:15 p.m. on Thursday, November 10th, at University House. The speaker will be Mr. Horace Kornegay, the Democratic nominee for Congress from this district. Members

are cordially invited to bring guests who are eligible for membership. The cards indicating the number of reservations a member wishes to make should be returned by campus mail not later than November 7th. The annual dues (\$3.50) are now payable to the treasurer, Stephen Harward, 308 Allen Building. The Christmas party of the Faculty Club is scheduled for December 16.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, November 11th, at 4:30 p.m. in Room 209 Bivins Building, East Campus. Dr. Robert C. Beck of the Department of Psychology, Wake Forest College, will speak on the subject "Thirst Motivation in the Rat." Coffee will be served at 4 o'clock.

ALL-STAR ARTISTS' SERIES MARCEL MARCEAU, PANTOMIMIST

Marcel Marceau, noted French pantomimist, will open the 30th annual All-Star Artists' Series on Friday, November 11th. At 8:15 p.m. the curtain will rise in Page Auditorium, disclosing the unique and widely acclaimed talents of Marcel Marceau. Neither scenery, props, nor dialogue intrudes upon the silence of Marceau's art, of which he says, "For the mime, music is silence and silence is music. I love the silence."

Accompanying Marceau will be pantomimist Pierre Verry, who joined the Compagnie de Mime Marcel Marceau in 1951. Verry accompanied the star on his two earlier trips to the United States.

The program will consist of pantomimes selected from the following repertoire:

STYLE PANTOMIMES OF MARCEL MARCEAU

Walking
Walking Against the Wind
The Staircase
Tug of War
The Tight Rope Walker
The Little Cafe
At the Clothier
The Sculptor
The Dice Player
The Apache 1900
The Bill Poster
The Carnival
The Side Show
The Public Garden
Youth, Maturity, Old Age and Death

BIP PANTOMIMES OF MARCEL MARCEAU

BIP in the Subway
BIP Goes Skating
BIP at a Society Party
BIP Commits Suicide
BIP as a Lion Tamer
BIP as a Painter
BIP Takes an Ocean Voyage
BIP Hunts Butterflies
BIP as the Botany Professor
BIP at the Dance Hall
BIP Plays David and Goliath
BIP as a China Salesman
BIP the Street Musician

Season tickets will be available until November 11th; individual tickets for all concerts are now in 202-A Flowers Building, extension 2911.

WEEK OF
Nov. 13-19, 1960

CALENDAR

WEEK OF
Nov. 13-19, 1960

OF DUKE UNIVERSITY



Events of the Week

Sunday, November 13

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Waldo Beach, Divinity School. Sermon: "It All Depends." Broadcast over Radio Station WDNC and WDNC-FM.
4:00 p.m. Fall Madrigal Singing. Music Room, East Duke Building.

Monday, November 14

- 9:00 a.m.-5:00 p.m. Gothic Bookshop Reproductions Sale. (Extends through November 24th.)
9:00-12:00 a.m. Duke Nursery School Book Fair. Room 109 Bivins Building.
2:00-5:00 p.m.
3:00 p.m. Varsity Soccer: Duke versus Pfeiffer College. Soccer Field.
4:00 p.m. Economics Seminar. Room 114 Social Science Building. Speaker: Dr. Sripati Chandrasekhar.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:00 p.m. Bowling for Faculty and Staff. Bowling alleys in Ark on East Campus.

Tuesday, November 15

- 9:00-12:00 a.m. Duke Nursery School Book Fair. Room 109 Bivins Building.
10:00 a.m.-9:00 p.m. Allied Arts Crafts Fair. Allied Arts Center and Morehead Residence.
10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Tom Fulcher.
2:00 p.m. The final examination of Mr. Ronald Eugene LeBleau for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.
2:00-5:00 p.m. Duke Nursery School Book Fair. Room 109 Bivins Building.
4:00 p.m. Mathematic Seminar. Room 135 Physics Building. Speaker: Dr. R. T. Harris.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
5:00 p.m. Gerontology Seminar. Room 208 Flowers Building. Speakers: John C. McKinney, Ida H. Simpson, Alan Kerckhoff, and Joel Smith.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:30 p.m. French Table and Spanish Table. East Campus Union Building.
7:15 p.m. 1960 Symposium: "Post-Christian Man." Page Auditorium. Speaker: Dr. Will Herberg. (Question and answer period following.)

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

9:00 p.m. Symposium Seminar. Page Auditorium. Participants: Dr. Will Herberg, Dr. Walter Kaufmann, Dr. William Poteat, and Dr. Thomas Cordle.

Wednesday, November 16

- 9:00-12:00 p.m. Duke Nursery School Book Fair. Room 109 Bivins Building.
- 10:00 a.m.-9:00 p.m. Allied Arts Crafts Fair. Allied Arts Center and Morehead Residence.
- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Kenneth A. Burnett, student at Southeastern Theological Seminary.
- 11:00 a.m. Divinity School Lecture. York Chapel. Speaker: Dr. Kelsey Regen.
- 2:00-5:00 p.m. Duke Nursery School Book Fair. 109 Bivins Building.
- 3:30 p.m. Symposium Seminar. Room 204 East Duke Building. Participants: Dr. Will Herberg, Dr. Walter Kaufmann, Dr. Stanley Hopper, Dr. Waldo Beach, Dr. Norman Miller.
- 4:15 p.m. Botany Seminar. Room 123 Science Building. East Campus. Speaker: Mr. David Scott.
- 4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "A Night to Remember" with Kenneth More and Robert Allen. J. Arthur Rank's presentation of Walter Lord's best-selling book of the sinking of the Titanic. "Tense! Exciting! . . . supremely awesome drama."—Crowther, N.Y. Times.
- 8:00 p.m. Delta Phi Alpha Meeting. Room 208 Flowers. Speaker: Mr. Kearns.
- 8:15 p.m. Symposium Address. Woman's College Auditorium. Speaker: Dr. Walter Kaufmann. Question and answer period following.
- 9:45 p.m. Symposium Reception. Presidents' Club Room. Woman's College Auditorium.

Thursday, November 17

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. James T. Cleland.
- 1:00 p.m. YMCA Mid-week Service. University Chapel.
- 4:00 p.m. Graduate School Faculty Meeting. Room 208 Flowers Building.
- 4:00 p.m. Duke-U.N.C. Philosophy Colloquium. 211A West Duke Building, East Campus. Speaker: Mr. Peter F. Strawson.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:15 p.m. Symposium Address. Page Auditorium. Speaker: Dr. Stanley Hopper. Question and Answer period following.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 215 Phillips Hall, U.N.C. Speaker: Dr. Joseph Dreitlein.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:45 p.m. Symposium Seminar. Page Auditorium. Participants: Dr. Will Herberg, Dr. Stanley Hopper, and Dr. Walter A. Kaufmann.

Friday, November 18

- 10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion, Dr. James T. Cleland, presiding.
- 12:30 p.m. Moslem Students' Association Meeting. Room 207 Flowers Building.
- 1:30-6:00 p.m. AIEE Fall Meeting. Engineering Building.
- 3:00 p.m. Varsity Soccer: Duke versus U.N.C. Soccer Field.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30 p.m. Psychology Colloquium. 209 Bivins Building. Speaker: Dr. C. Alan Boneau.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 8:00 p.m. Joint Duke-U.N.C. Philosophy Colloquium. Room 213 Caldwell Hall, U.N.C. Speaker: Mr. Peter F. Strawson.
- 8:15 p.m. Duke Symphony Concert. Page Auditorium. Directing: Dr. Alan Bone. Piano Soloist: Mrs. Alice Wilkinson.

Saturday, November 19

- 2:00 p.m. Varsity Football: Duke versus the University of North Carolina. Chapel Hill, N.C.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "A Night to Remember" with Kenneth More and Robert Allen. J. Arthur Rank's presentation of Walter Lord's best-selling book of the sinking of the Titanic. "Tense! Exciting! . . . supremely awesome drama."—Crowther, N.Y. Times.
- 8:15 p.m. Chamber Arts Society. Hungarian String Quartet. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Worship will be held on Sunday, November 13th, at 11:00 a.m. The Reverend Dr. Waldo Beach, Professor of Christian Ethics, Divinity School, will deliver the morning sermon entitled "It All Depends." The order of worship is as follows:

Presiding Minister: The Reverend Howard C. Wilkinson, Chaplain of the University.	
Organ Prelude—Andante Chorale in A minor	Franck Franck
Call to Worship—"The Lord Is in His Holy Temple"	Harrington
Hymn—"Come, Thou Almighty King"	<i>Felice de Giardini</i>
Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Anthem—"Agnus Dei"	Hassler
Scripture—Psalm 8	
Hymn—"All Hail the Power of Jesus' Name!"	<i>Oliver Holden</i>
Call to Prayer	
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication	
The Offering	
Offertory Organ Interlude	
Anthem—"O King of Glory"	<i>Giovanni da Palestrina</i>
Response—The Doxology	
Prayer of Dedication	
Sermon—"It All Depends"	
Prayer	
Benediction and Choral Response—"Sevenfold Amen"	<i>Stainer</i>
The Chimes	
Organ Postlude—Concerto I (Last Movement)	<i>Handel</i>

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:15, Training Union at above churches. Friday, November 18, 5:15 p.m., Thanksgiving Banquet, East Campus Union.

Episcopal Student Fellowship. Holy Communion will be celebrated at 9:30 a.m. Sunday morning at the Episcopal Student Center by the Rev. Joseph W. O'Brien. Canterbury Club meets at 6:30 p.m. with Evening Prayer. Program will be Professor Grover Smith speaking on "British Intellectuals and the Roman Catholic Church." Rides from East and Hanes House at 6:20.

Lutheran Student Association. Sunday: 9:45 a.m., Sunday School at local churches. 6:30 p.m., 208 Flowers Building, "Post-Christian Man" Symposium warm-up, Bob Hyatt, Speaker. Rides from East at 6:15 p.m. L. S. A. Area of N. C.-Tenn. Conference, Holy Trinity Church, Raleigh. Wednesday: 7:15 a.m.

and 8:00 a.m., Holy Communion in Memorial Chapel of Duke Chapel. Rides from East at 7:00 a.m.

Methodist Student Fellowship. Sunday, 6:30 p.m., Worship: Carroll Starling, Speaker. Wednesday, 6:00 p.m., Holy Communion.

Westminster Fellowship. Sunday: 6:15 p.m., The Ark, Westminster Fellowship, Speaker, Byron Battle, "The Religious Situation in Russia." Wednesday, 6:00 p.m., Westminster Supper Club, East Campus Union.

GOTHIC BOOKSHOP REPRODUCTIONS SALE

The Gothic Bookshop announces a sale of large modern reproductions—impressionists and post-impressionists, orientals, and posters, all priced at \$1.00 each. The sale will continue from November 14th through 24th.

DUKE NURSERY SCHOOL BOOK FAIR

The Duke University Nursery School will hold a Book Fair, November 14th, 15th, and 16th, in Room 109 Bivins Building. Anyone interested in children's literature is most cordially invited. The room will be open between 9:00-12:00 a.m. and 2:00-5:00 p.m. Orders for books will be accepted at this time.

ECONOMICS SEMINAR

The Economics Seminar will present Dr. Sripathi Chandrasekhar, Director of the Indian Institute for Population Studies, in a lecture on "Communist China's Population Problems and Expansionism" on Monday, November 14th, at 4:00 p.m. in Room 114 Social Science Building. The public is invited.

ALLIED ARTS CRAFTS FAIR

The Allied Arts Crafts Fair will be held on November 15th, 16th, and 17th at the Allied Arts Center, 806 South Duke Street, and at the Morehead Residence, 804 Morehead Avenue between the hours of 10:00 a.m. and 9:00 p.m. Admission is priced at \$.50 for adults and \$.10 for children. All proceeds from the sale of crafts and admission will go toward the upkeep of the Center.

Representative crafts from the Southern Highlands, Jug Town, Peuland, etc., as well as jewelry, pottery, ceramics, and metal crafts by local artists will be on sale, and continuous demonstrations of the various skills may be observed.

FALL MADRIGAL SINGING

The Duke Music Department announces the second program in its 1960-61 series, the Fall Concert of the Duke Madrigal Group, to be held on Sunday, November 13th, at 4:00 p.m. in the Music Room of East Duke Building. Directed by Gene Saville of the Music Department, the program culminates the Group's first project of the semester, a study of Italian music from the late 16th, 17th, and 18th centuries. Italian madrigals for four and five voice parts, Tuscan terzetti, Venetian arias, and an 18th-century Neopolitan Mass will constitute the program.

Special soloist and ensemble performers will be Don Milholland, tenor, of the Duke Divinity Graduate School, Alan Clugston, baritone, of the English faculty, and undergraduates Marjorie Althouse and Elender Dennis, sopranos. The Speerhake Harpsichord owned by Dr. Arthur Larson of the Law School is being lent to the Group for the program, and will be played by Mrs. Ruth Friedberg. Miss Henrietta Hertzog, cellist, will play the continuo parts.

The program is as follows:

I. Four-Part Madrigals

So ben mi cha bon tempo Orazio Vecchi (1550-1605)
O occhi, manza mia Orlando di Lasso (1552-1594)
Duke Madrigal Group

II. Five-Part Madrigals Claudio Monteverde (1567-1643)

Lumi miei eari
Ecco mormorar l'onde
Madrigal Group

T'Amo mia vita

Elender Dennis, Soprano, and Madrigal Group
Mrs. Friedberg, Harpsichord, and Miss Hertzog, Cello

III. Venetian Operatic Arias

Vaghe stelle
Speranze—from Erasmus
Pier Francesco Cavalli (1602-1676)

Sospiri di foco—from Elena
Pier Francesco Cavalli (1602-1676)

IV. Tuscan Chamber Vocal Music

Terzetto: Nel bel volto di Clori
Giovanni Carlo Maria Clari (1677-1754)

Nel bel volto—Languiseo—E m'avvoloro—

Ridente mi diletta

Marjorie Althouse and Elender Dennis, Sopranos
Alan Clugston, Baritone

Mrs. Friedberg, Harpsichord, Miss Hertzog, Cello

V. Four-Part Madrigal

Matona, mia cara Orlando di Lasso
Duke Madrigal Group

INTERMISSION

VI. Mass Atonia Lotti (ca. 1667-1740)

Kyrie—Gloria—Sanctus—Benedictus—Agnus Dei
Duke Madrigal Group

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Ronald Eugene LeBleau for the Ph.D. degree in Chemistry will be held on Tuesday, November 15th, at 2:00 p.m. in Room 220 Chemistry Building. The subject of Mr. LeBleau's

dissertation is "New Heterocyclic Analogs of Dibenz [a, c] Cycloheptatriene". The committee to conduct the examination will consist of Professors C. K. Bradsher, Louis D. Quin, Pelham Wilder, Douglas Hill, and Henry Kamin. Professor C. K. Bradsher will preside.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, November 15th, at 4:00 p.m. in Room 135 Physics Building. The speaker, Dr. R. T. Harris, will discuss "Unitary Equivalence and Perturbation Theory." Coffee will be served at 3:30 p.m. in Room 132.

GERONTOLOGY SEMINAR

An invitation to interested members of the University Community is extended by the Council on Gerontology to attend an open seminar on Tuesday, November 15th, at 5:00 p.m. in Room 208 Flowers Building. A report on studies sponsored at Duke by the Ford Foundation entitled "Socio-Economic Studies of Aging: Work, Family and Community" will be presented by John C. McKinney, Ida H. Simpson, Alan Kerckhoff, and Joel Smith.

DIVINITY SCHOOL LECTURE

DR. KELSEY REGEN

There will be a Divinity School lecture Wednesday morning, November 16th, at 11:00 o'clock in York Chapel by Dr. Kelsey Regen. His topic will be, "A Study in Redemptive Love." The University Community is invited to attend.

The Botany Seminar will meet on Wednesday, November 16th, at 4:15 p.m. in Room 123 Science Building, East Campus. Mr. David Scott, Department of Botany, Duke University, will speak on "The Indigenous Grasslands of New Zealand." Tea and coffee will be served at 4:00 p.m.

DELTA PHI ALPHA MEETING

Delta Phi Alta, the German honorary, will hold its monthly meeting in Room 208 Flowers Building at 8:00 on Wednesday evening, November 16th. Mr. Kearns, from Munich, Germany, will present a film and talk on the development of the Volkswagen automobile.

GRADUATE SCHOOL FACULTY MEETING

The Graduate School Faculty will meet at 4:00 p.m. in Room 208 Flowers Building on Thursday, November 17th.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics Colloquium will meet Thursday, November 17th, at 8:00 p.m. in Room 215 Phillips Hall, University of North Carolina, Chapel Hill, North Carolina. The speaker will be Dr. Joseph Dreitlein of the University of Pennsylvania who will discuss "Conserved Vector Currents in Weak Interactions."

1960 SYMPOSIUM “POST CHRISTIAN MAN”

The three-day 1960 Symposium, “Post Christian Man,” will open on Tuesday evening, November 15th, and will continue through Thursday, November 17th. The topic, as the Symposium Committee sees it, reflects the possibility that modern American society has seen a movement away from the Judaic-Christian heritage as the principal determinant of action within that society and man’s subsequent search for new values or for reaffirmation of traditional values as they apply to modern life.

The major speakers for the Symposium include Dr. Will Herberg, Professor of Judaic Studies and Social Philosophy at Drew University; Dr. Walter A. Kaufmann, Assistant Professor of Philosophy at Princeton University; and Dr. Stanley R. Hopper, Dean of the Graduate School, Drew University.

The Symposium Committee is composed of representatives from major student organizations, the faculty, and the administration. The entire cost of the Symposium is borne by student organizations and all meetings are open to the public without charge.

The schedule for the Symposium addresses, seminars, and open social events is:

Tuesday, November 15th

7:15-8:30 p.m. Address: Dr. Will Herberg. Page Auditorium. Topic: “Religious Revival and Moral Crisis in Post-Christian America.”

9:00-9:45 p.m. Seminar: “The Nature of the Predicament.” Page Auditorium. Participants: Dr. Herberg, Dr. Kaufmann, Dr. William Poteat, Dr. Thomas Cordle.

Wednesday, November 16th

3:30-4:45 p.m. Seminar: “Reactions of Man and Society to the Predicament.” Room 204, East Duke Building. Participants: Dr. Herberg, Dr. Kaufmann, Dr. Hopper, Dr. Waldo Beach, Dr. Norman Miller.

8:15-9:15 p.m. Address: Dr. Kaufmann. Woman’s College Auditorium. Topic: “Toward a Post-Christian Ethic.”

9:45-10:15 p.m. Reception. Presidents’ Club Room. Woman’s College Auditorium.

Thursday, November 17th

7:15-8:15 p.m. Address: Dr. Hopper. Page Auditorium. Topic: “The Broken Jaw of Our Lost Kingdoms.”

8:45-9:45 p.m. Seminar: “Alternatives in Dealing with the Predicament.” Page Auditorium. Participants: Drs. Herberg, Hopper, and Kaufmann.

JOINT DUKE-U.N.C. PHILOSOPHY COLLOQUIUM

Mr. Peter F. Strawson of University College, Oxford, this year Visiting Professor of Philosophy at Princeton University, will be the guest of the Philosophy Departments at Duke and U.N.C. on Thursday and Friday, November 17th and 18th.

On November 17th, Mr. Strawson will speak in the Philosophy Seminar Room, 211A West Duke Building, East Campus, at 4:00 p.m. His topic will be “Singular Terms and Predication.” On November 18th, Mr. Strawson will speak on “Social Morality and Individual Ideal” in 213 Caldwell Hall at Chapel Hill at 8:00 p.m. All members of the University Community are cordially invited to attend.

AIEE FALL MEETING

The North Carolina Section of the American Institute of Electrical Engineers will hold its fall meeting on Friday, November 18th, in the Engineering Building with registration beginning at 12:30 p.m. The program follows:

- 1:30 p.m. Welcome and Opening Remarks
W. J. Seeley, Dean of the College of Engineering, Duke University
J. W. Davis, Vice President, District 4, AIEE.
- 1:45 p.m. Business Session
- 2:00 p.m. A Report on Electric Heating
James M. Foreman, Jr., Supervisor, Residential Promotion Division, Duke Power Company.
- 2:45 p.m. A Solid State Video Pickup
William E. Montgomery, Senior Student in Electrical Engineering, Duke University.
- 3:15 p.m. Intermission—Refreshments
- 3:30 p.m. Project EHV—Purpose—Plans—Progress
Don D. McCarthy, Manager, Engineering System, Project EHV, General Electric Company.
- 4:15 p.m. The Effect of Neutral Grounding on Surge Protection of Utility and Industrial Power Systems
J. M. Clayton, Sponsor Engineer for the Southeastern Region, Westinghouse Electric Corporation.
- 6:00 p.m. Dinner—Union Ballroom Address: Progress and Problems in World Communications
E. E. Laird, Jr., Executive Assistant, Long Lines Department, American Telephone and Telegraph Co.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, November 18th, at 4:30 p.m. in Room 209 Bivins Building, East Campus. Dr. C. Alan Boneau of the Psychology Department will speak on the subject “The Physiology of the *U* and *t* tests.” Coffee will be served at 4 o’clock.

DUKE SYMPHONY CONCERT

The fall concert by the Duke Symphony Orchestra, Alan Bone, Conductor, will be presented on Friday evening, November 18th, at 8:15 p.m. in Page Auditorium. Alice Wilkinson is featured soloist in the Beethoven Concerto No. 1 for piano and orchestra. Mrs. Wilkinson is a member of the Duke music staff and is a graduate of the Juilliard School of Music. Admission is \$1.00 and tickets will be available at the door. The complete program follows:

- Toecatta and Fugue in D Minor
Bach (arr. by Lucien Cailliet)
- Concerto No. 1 in C major, Opus 15
for Piano and Orchestra
Allegro con brio
Largo
Rondo: Allegro
Alice Wilkinson, Soloist
- INTERMISSION
- Variations on a Theme of Haydn, Opus 56
Three Dances from “The Bartered Bride”
Polka
Furiant
Dance of the Comedians
- Brahms
Smetana

CHAMBER ARTS SOCIETY HUNGARIAN STRING QUARTET

The Chamber Arts Society announces the second concert of its season, to be played by the Hungarian String Quartet, Saturday, November 19th, in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Zoltan Szekely and Michael Kuttner (Violins), Denes Koromzay (Viola), and Gabriel Magyar (Cello). The program follows:

Quartet in C major, Opus 59, No. 3	Beethoven
Five Movements for String Quartet, Opus 5	A. von Webern
Concertino for String Quartet	Stravinsky
Quartet in D minor ("Death and the Maiden")	Schubert
Other chamber music concerts scheduled this season include:	
December 10 (Saturday)	Duo di Roma (piano and cello)
January 21 (Saturday)	Vienna Octet
February 18 (Saturday)	Quartetto Italiano

Membership and Admission:

Membership Card admitting to this concert and the subsequent concerts will cost \$8.00 (about 30 memberships are at present available, and cards will be issued in order of application).

Guest Card for single admission to any one concert will cost \$2.50. (About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

For membership enrollment send check and address to Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C. The Chamber Arts Society is a non-profit organization; membership is open to all persons.

ADVANCE NOTICE SIGMA XI LECTURE

The Duke University Chapter of the Society of Sigma Xi announces a lecture for Tuesday, November

22nd, at 8:00 p.m. in Room 114 Physics Building. Dr. Harry C. Kelly, Associate Director (Educational and International Activities) of the National Science Foundation will speak on "The Educational Programs of the National Science Foundation." All persons interested are invited to attend.

DINING HALL HOURS— THANKSGIVING HOLIDAYS—1960

Wednesday, November 23—

DINNER

"D" Cafeteria	5:00-6:30
Oak Room	5:00-7:00

Thursday, November 24—

BREAKFAST LUNCH DINNER

"D" Cafeteria	8:30-11:00	11:30-2:00	5:00-6:30
Oak Room		11:30-2:00	5:00-7:00

NO RESERVATIONS IN OAK ROOM FOR
LUNCH OR DINNER

Friday, November 25—

BREAKFAST LUNCH DINNER

"D" Cafeteria	7:30-9:30	11:30-1:30	5:00-6:30
Snack Bar in "D", (9:30-11:00)			

Saturday, November 26—

BREAKFAST LUNCH DINNER

"D" Cafeteria	7:30-9:30	11:30-1:30	5:00-6:30
Snack Bar in "D", (9:30-11:00)			

Sunday, November 27—

BREAKFAST LUNCH DINNER

"D" Cafeteria	8:30-11:00	11:30-1:30	5:00-7:00
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WEEK OF

Nov. 20-26, 1960

WEEK OF

Nov. 20-26, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, November 20

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "Pre-Christian Man." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, November 21

- 4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. F. H. Mc-Cutcheon.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:00 p.m. The final examination of Mr. Fred H. Willhoite for the Ph.D. degree in Political Science. Room 302, West Campus Library.
7:00 p.m. Reading of Hamlet. Music Room, East Duke Building.
7:30-8:30 p.m. Ladies' Night Basketball Clinic. Duke Indoor Stadium.
7:30 p.m. Graduate Religious Life Seminar. Faculty Lounge. Speaker: Dr. Arnold S. Nash.

Tuesday, November 22

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Tom Fulcher.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:30 p.m. French Table and Spanish Table. East Campus Union Building.
8:00 p.m. Sigma Xi Lecture. Auditorium of the Physics Building. Speaker: Dr. Harry C. Kelly.

Wednesday, November 23

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Jim Hobbs.
12:30 p.m. Thanksgiving Recess begins.

Thursday, November 24

THANKSGIVING DAY

- 2:00 p.m. Freshman Football Game: Duke versus University of North Carolina. Stadium. Benefit: N.C. Cerebral Palsy Foundation. Admission: \$1.00 per person.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Worship will be held on Sunday, November 20th, at 11:00 a.m. in the University Chapel. The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the morning sermon entitled "Pre-Christian Man." The order of worship is as follows:

Presiding Minister: The Reverend Professor James T. Cleland, Dean of the Chapel.	
Organ Prelude—Fantasia in G	Bach
Call to Worship—"The Lord Is in His Holy Temple"	Harrington
Hymn—"Now Thank We All Our God"	Johann Crüger
Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Anthem—"Holy, Holy, Holy" (Sanctus)	Antonia Lotti
Scripture—Philippians 3:7-14	
Hymn—"Joyful, Joyful, We Adore Thee"	Beethoven
Call to Prayer	
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication	
The Offering	
Offertory Organ Interlude	
Anthem—"Lift Up Your Heads, O Ye Gates"	Handel
from <i>The Messiah</i>	
Response—The Doxology	
Prayer of Dedication	
Sermon—"Pre-Christian Man"	
Prayer	
Benediction	
Choral Response—"Sevenfold Amen"	Stainer
The Chimes	
Organ Postlude—Fugue in G minor	Bach

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 a.m. at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m., Training Union at above churches.

Episcopal Student Fellowship. Holy Communion will be celebrated at 9:30 a.m. Sunday morning at the Episcopal Student Center by Rev. J. W. O'Brien. Canterbury Club will begin at 6:30 p.m. with Evening Prayer. Program for the evening will be Dr. Bush, speaking on MYSTICISM AND THE CHRISTIAN FAITH. Rides will be available from East and Hanes beginning at 6:20 p.m.

Lutheran Student Association. Sunday: 9:45 a.m., Sunday School at local churches. L.S.A. and friends—from 6:00 p.m. on—Thanksgiving Party (wieners, etc.), Old Orange Building (by West Traffic Circle). Rides from East at 6:00. Wednesday, Holy Communion in Memorial Chapel of Duke Chapel—7:15 and 8:00 in the morning; rides from East at 7:00 a.m.

Methodist Student Fellowship. Sunday, 9:30 a.m., Methodist Student Center, 6:30 p.m., Worship, Rev. Art Brandenburg. Immediately following the service

the Forum speaker will be Dr. Edgar Thompson of the Sociology Department whose remarks will be about the American Negro. Wednesday, 6:00 p.m., Holy Communion.

Unitarian Fellowship. Sunday, 7:30 p.m., 201 Flowers Building, "What Is Religion?" Discussion led by Professor Charles Baylis.

Westminster Fellowship. Sunday, 9:30 a.m., Presbyterian Bible Class, 2127 Myrtle Drive. 6:30 p.m., Holy Communion, East Duke Chapel. Monday, 5:15 p.m., meet at East Circle and West Campus bus stops to give a party for the Cerebral Palsy Hospital.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 21st, in Room 113 Biology Building at 4:15 p.m. Dr. F. H. McCutcheon, Department of Physiology, University of Pennsylvania, will speak on, "Development of Respiratory Homeostasis." Coffee will be served in Room 113 at 4:00 preceding the seminar.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Fred H. Willhoite for the Ph.D. degree in Political Science will take place on Monday, November 21st, at 7:00 p.m. in Room 302 Library. The topic of Mr. Willhoite's dissertation is "'The Consent of the Governed': An Analysis of Some Representative Theories." Conducting the examination will be Drs. John H. Hallowell, Harris Proctor, Allan Sindler, Robert R. Wilson, and Waldo Beach. Dr. John H. Hallowell will preside.

READING OF HAMLET

On Monday, November 21st, in the Music Room of East Duke Building, English 123, Shakespeare, will present a reading of "Hamlet," directed by Professor George Williams. The text of the play will be read uncut; the performance will begin at 7:00 p.m. and will conclude about 11:00. The public is invited and there will be no admission charge.

LADIES' BASKETBALL NIGHT

The Second Annual Ladies' Night Basketball Clinic will be held on Monday, November 21st, from 7:30 to 8:30 p.m. in the Indoor Stadium. Highlights of the Clinic will include an opportunity to meet the team and the cheerleaders personally, explanations of the various shots, description of offensive and defensive plays, and a review of the rules of the game. Following this discussion a scrimmage game will be played, with a running description by Coach Bubas. Free of charge and open to all interested ladies—"girls from 3 to 103"—of the Duke Community and the public at large, the Clinic promises an interesting and entertaining evening.

GRADUATE RELIGIOUS LIFE SEMINAR

The Graduate Religious Life Committee of the University Religious Council announces the first of four interdisciplinary seminars for graduate students. The

subject of this seminar will be "The Conflict Between the Sciences and the Humanities." Dr. Arnold S. Nash, Professor of the Sociology of Religion at UNC, and author of **The University in the Modern World** will lead this seminar which will be held Monday evening, November 21st, at 7:30 p.m. in the Faculty Lounge. Any graduate student may attend by notifying the Chapel Secretary at extension 2921.

SIGMA XI LECTURE

The Duke University Chapter of the Society of Sigma Xi announces a lecture for Tuesday, November 22nd, at 8:00 p.m. in Room 114 Physics Building. Dr. Harry C. Kelly, Associate Director (Educational and International Activities) of the National Science Foundation will speak on "The Educational Programs of the National Science Foundation." All persons interested are invited to attend.

QUADRANGLE PICTURES CLOSED

Quadrangle Pictures will be closed on Wednesday, November 23rd, and Saturday, November 26th, for the Thanksgiving Holidays. It will open again on Wednesday, November 30th.

THANKSGIVING SUNDAY SERVICE

The regular University Service of Worship will not be held next Sunday, November 27th, owing to the fact that this day is a part of the Thanksgiving academic recess. However, a thirty minute service of devotional music, prayers and Scripture readings will be conducted in the Chapel between 11:00 and 11:30 a.m. for the benefit of those who expect to remain on campus during the Thanksgiving recess.

THANKSGIVING LIBRARY SCHEDULE

Thanksgiving Day, November 24, will be a holiday. All libraries will remain closed.

The General Library and the Woman's College Library will be open and operating according to the following schedule during the Thanksgiving period.

Wednesday	November 23	8:00 a.m.-5:00 p.m.
Thursday	November 24	Closed
Friday	November 25	9:00 a.m.-5:00 p.m.
Saturday	November 26	9:00 a.m.-1:00 p.m.
Sunday	November 27	Closed
Monday	November 28	Resume regular schedule

Schedules for school and departmental libraries will be posted in those libraries.

ARTISTS' SERIES TICKETS

Tickets for the remaining four concerts of the 1960-61 Artists' Series season are still available at the prices of \$3.00, \$2.50, and \$2.00. Tickets may be purchased or reserved at 202-A Flowers Building or by calling Duke extension 2911. The four concerts will be: Vronsky and Babin, duo-pianists, on December 6th; the Detroit Symphony Orchestra on February 17th; George London, bass-baritone, March 10th; and the National Ballet of Canada on April 13th.

DINING HALL HOURS— THANKSGIVING HOLIDAYS—1960

Wednesday, November 23—

	DINNER
"D" Cafeteria	5:00-6:30
Oak Room	5:00-7:00

Thursday, November 24—

	BREAKFAST	LUNCH	DINNER
"D" Cafeteria	8:30-11:00	11:30- 2:00	5:00-6:30
Oak Room		11:30- 2:00	5:00-7:00

NO RESERVATIONS IN OAK ROOM FOR
LUNCH OR DINNER

Friday, November 25—

	BREAKFAST	LUNCH	DINNER
"D" Cafeteria	7:30-9:30	11:30-1:30	5:00-6:30
Snack Bar in "D" (9:30-11:00)			

Saturday, November 26—

	BREAKFAST	LUNCH	DINNER
"D" Cafeteria	7:30-9:30	11:30-1:30	5:00-6:30
Snack Bar in "D" (9:30-11:00)			

Sunday, November 27—

	BREAKFAST	LUNCH	DINNER
"D" Cafeteria	8:30-11:00	11:30-1:30	5:00-7:00

RENTAL RECORD COLLECTION

The record collection owned by the Duke University Arts Council is being serviced by the Department of Music. A collection of 530 records may be rented at the rate of \$.10 for four days and \$.05 a day thereafter. The collection is housed in 106 Asbury Building and is available to students, faculty, and former members of the Arts Council from 2:30 to 10:00 p.m. Sunday through Friday and 2:30 to 5:00 p.m. on Saturday.

VACATION HOSPITALITY FOR FOREIGN STUDENTS

A number of foreign students will be on campus during the Thanksgiving holidays and have indicated their desire to share in the holiday with a Durham family. Any faculty member who would like to entertain one or two students in his home for Thanksgiving dinner is urged to call the Religious Life Office on East Campus, extension 2909. This project is sponsored by the Interfaith and Fellowship Committee of the University Religious Council.

NOTICES FOR THE CALENDAR

Since the offices will be closed Thanksgiving Day, Thursday, November 24th, notices for the next issue of the University Calendar (November 27th-December 3rd) should be submitted to Room 202-A Flowers Building no later than 1:00 p.m., on Wednesday, November 23rd.

**UNIVERSITY
OFFICIAL EXAMINATION SCHEDULE**

Fall Semester, 1960-61

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN DECEMBER 17 TO REQUEST A CHANGE IN SCHEDULE.

Saturday		
January 14	2:00 p.m.	PHYSICAL EDUCATION
Monday		
January 16	Undergraduate Reading Period	
Tuesday	9:00-12:00 a.m.	MWF, FIRST PERIOD
January 17	2:00- 5:00 p.m.	Political Science 11, 61 & Engineering 1.2, 1.3, 1.4
	7:00-10:00 p.m.	Engineering 1.1 & 1.6
Wednesday	9:00-12:00 a.m.	MWF, SECOND PERIOD
January 18	2:00- 5:00 p.m.	English 1
	7:00-10:00 p.m.	Economics 57
Thursday	9:00-12:00 a.m.	MWF, THIRD PERIOD
January 19	2:00- 5:00 p.m.	History 1, E1, 1X
	7:00-10:00 p.m.	Mathematics 52
Friday	9:00-12:00 a.m.	MWF, FOURTH PERIOD
January 20	2:00- 5:00 p.m.	Mathematics 21
	7:00-10:00 p.m.	Air Science
Saturday	9:00-12:00 a.m.	MWF, SIXTH PERIOD
January 21	2:00- 5:00 p.m.	All Languages 1, 2 & Engineering 1.5, 1.7, 1.8

Monday	9:00-12:00 a.m.	TTS, SIXTH PERIOD
January 23	2:00- 5:00 p.m.	Chemistry 1
	7:00-10:00 p.m.	Mathematics 11
Tuesday	9:00-12:00 a.m.	TTS, FIRST PERIOD
January 24	2:00- 5:00 p.m.	MWF, FIFTH PERIOD & Naval Science
Wednesday	9:00-12:00 a.m.	TTS, SECOND PERIOD
January 25	2:00- 5:00 p.m.	French & Spanish 63
	7:00-10:00 p.m.	Philosophy 48, 49
Thursday	9:00-12:00 a.m.	TTS, THIRD PERIOD
January 26	2:00- 5:00 p.m.	Physics 1, 41
	7:00-10:00 p.m.	Botany 1
Friday	9:00-12:00 a.m.	TTS, FOURTH PERIOD
January 27	2:00- 5:00 p.m.	Economics 51
	7:00-10:00 p.m.	Religion 1

ENGINEERING COURSES, OTHER THAN ENGINEERING 1, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 1) and Zoology Classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING January 17, 9:00 a.m., AND ENDING January 27, 10:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., January 17, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
Nov. 27-Dec. 3, 1960

CALENDAR

WEEK OF
Nov. 27-Dec. 3, 1960

OF DUKE UNIVERSITY



Events of the Week

Sunday, November 27

11:00-11:30 a.m. Devotional Service. University Chapel. Presiding: The Reverend Howard C. Wilkinson, Chaplain to the University.

Monday, November 28

8:00 a.m. Classes are resumed.
Indoor Stadium Exhibit of French Progress in Industry, Commerce, and Engineering. Indoor Stadium. Dates: November 28th-December 2nd.
4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Dixy Lee Ray.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:00 p.m. Bowling for Faculty and Staff. Bowling Alleys in Ark on East Campus.

Tuesday, November 29

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Frederick Herzog.
2:00-4:00 p.m. Medical Center Open House. Main Lobby of the Hospital.
4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Dr. Leland Williams.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.
8:15 p.m. Student Union Speakers' Series: Dr. Benjamin Mays, President of Morehouse College. Page Auditorium.

Wednesday, November 30

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Frederick Herzog.
4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Professor Karl Sax.
4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
6:30-11:00 p.m. Gothic Bookshop Book and Art Auction. Room 208 Flowers Building.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.
7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Aren't We Wonderful" with Robert Graf and Hansjorg Felmy. This award winning German film, a sharp social commentary, satirically dramatizes the rise and fall of Nazism. It won the following International awards: Gold Medal, Moscow Film Festival;

IMPORTANT—Notices for the Duke University Calendar should be submitted
IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later
than 1:00 p.m., Thursday. Telephone 2911.

- Best Film and Best Actor, Berlin Film Festival. "Imaginative, well-acted, brilliant!"—Time Magazine. First Durham showing.
- 8:00 p.m. Joint Duke-UNC Philosophy Colloquium. Room 213 Caldwell Hall, U.N.C., Chapel Hill, N. C. Speaker: Mr. Anthony Quinton.

Thursday, December 1

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Jerry Blevins.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Clyde N. Holland.
- 1:00 p.m. YMCA Mid-week Service. University Chapel.
- 4:00 p.m. Joint Duke-UNC Philosophy Colloquium. Room 211A West Duke Building. Speaker: Mr. Anthony Quinton.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. A.A.U.P. Meeting. Union Ballroom.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Sigma Pi Sigma Meeting. Physics Auditorium. Speaker: Dr. Martin Block.

Friday, December 2

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. John Durkovich.
- 12:30 p.m. Muslim Students Association. Room 207 Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. C. D. Spielberger.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 7:00-9:00 p.m. Engagement Seminar. Sponsors: University Religious Council and YWCA. Green Room, East Duke Building.
- 9:00 p.m.-1:00 a.m. Co-ed Ball. Card Gymnasium.

Saturday, December 3

- 9:45 a.m.-3:00 p.m. North Carolina Teachers of Religion. Divinity School Building.
- 1:30 p.m. Varsity Football. Duke versus U.C.L.A. Los Angeles, California.

- 4:15 p.m. Game Televised on Channels 2, 5, and 11.
- 2:00-4:00 p.m. Engagement Seminar. Sponsors: University Religious Council and YWCA. Green Room, East Duke Building.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Aren't We Wonderful" with Robert Graf and Hansjorg Felmy. This award winning German film, a sharp social commentary, satirically dramatizes the rise and fall of Nazism. It won the following International awards: Gold Medal, Moscow Film Festival; Best Film and Best Actor, Berlin Film Festival. "Imaginative, well-acted, brilliant!"—Time Magazine. First Durham showing.
- 8:15 p.m. Varsity Basketball. Duke versus L.S.U. Indoor Stadium.

CHAPEL DEVOTIONAL SERVICE

The regular University Service of Worship will not be held on Sunday, November 27th, owing to the fact that this day is a part of the Thanksgiving academic recess. However, a thirty minute service of devotional music, prayers, and Scripture readings will be conducted in the Chapel, between 11:00 and 11:30 o'clock, for the benefit of those who expect to remain on campus during the Thanksgiving recess.

INDOOR STADIUM EXHIBIT OF FRENCH PROGRESS IN INDUSTRY, COMMERCE, ENGINEERING

During the week of November 28th to December 2nd, a group of French students who are touring the United States and Canada will have on display an exhibit illustrating recent progress in French industry, commerce, and engineering. The exhibit will be installed in the Indoor Stadium. The University Community and the general public are cordially invited to visit the display.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 28th, in Room 113 Biology Building at 4:15 p.m. Dr. Dixy Lee Ray, Associate Professor of Zoology, University of Washington, will speak on "Escape Reactions: A Problem in Behavior Among Marine Invertebrates." Coffee will be served in Room 113 at 3:50 preceding the seminar.

MEDICAL CENTER OPEN HOUSE

The health professions represented by educational programs in the Duke University Medical Center will hold an Open House on Tuesday, November 29th, between 2:00 and 4:00 p.m. Tours of the departments will start from the Main Lobby of the Hospital. Career information will be available and there will be

an opportunity to talk with members of the Departments of Dietetics, Medical Technology, Medicine, Nursing, Occupational Therapy, Physical Therapy, and X-ray Technology concerning each speciality.

Members of the campus community are cordially invited to attend.

MATHEMATICS SEMINAR

On Tuesday, November 29th, at 4:00 p.m. in Room 135 Physics Building Dr. Leland Williams will be the speaker at a mathematics seminar. His subject will be "Algebra of Polynomials for a Digital Computer." Coffee will be served at 3:30 p.m. in Room 132.

STUDENT UNION LECTURE DR. BENJAMIN MAYS

The second participant in the Student Union's Speakers' Series will be Dr. Benjamin Mays, noted Negro educator, author and theologian who will address the University Community on the topic "Social Revolution in Race Relations." Dr. Mays, president of Morehouse College in Atlanta, Georgia, will speak in Page Auditorium on Tuesday, November 29th, at 8:15 p.m. A question and answer period will follow his address and an informal reception in Flowers Lounge will conclude the evening's program. Under the auspices of the Educational Affairs Committee the lecture and reception are open to the public.

Besides his educational responsibility Dr. Mays serves as a member of the World Council of Churches and is on the Advisory Board of the United States to the United Nations.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, November 30th, at 4:15 p.m. in Room 123 Science Building, East Campus. Professor Karl Sax, Department of Genetics, North Carolina State College, Raleigh, N. C., will speak on "Dwarf Trees, The Physiological Mechanisms of Dwarfing." Tea and coffee will be served at 4:00 p.m.

GOTHIC BOOKSHOP BOOK AND ART AUCTION

The seventh annual book and art auction of the Gothic Bookshop will take place in Room 208 Flowers Building from 6:30 until 11:00 p.m. on Wednesday, November 30th. The auction will be conducted by Jeremy North, member of the Antiquarian Booksellers' Association of London and of the Antiquarian Booksellers' Association of America. The public is cordially invited to take advantage of this sale.

Important and valuable books on a great variety of subjects, fine bindings, desirable prints and paintings

will be included in the lot which will be on display in the auction room from 9:00 a.m. on the day of the sale. Lists of the various items are now available in the Gothic Bookshop.

JOINT DUKE-UNC PHILOSOPHY COLLOQUIUM

Mr. Anthony Quinton of New College, Oxford, who is now Visiting Professor at Swarthmore College, will be the guest of the Philosophy Departments at Duke and U.N.C. on Wednesday and Thursday, November 30th and December 1st.

On Wednesday, November 30th, Mr. Quinton will speak on "A Defense of Naturalistic Ethics" at U.N.C. in 213 Caldwell Hall at 8:00 p.m. On Thursday, December 1st he will speak in 211A West Duke Building at 4:00 p.m. His topic will be "The Soul." Interested members of the University Community are cordially invited to attend.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will meet on Thursday, December 1st, at 11:30 a.m. in Room 120 Engineering Building. Mr. Clyde N. Holland, Assistant Professor of the Civil Engineering Department, will speak on "Dynamic Behavior of Soils Under Shearing Loads." He will present some results of his research in dynamic behavior of soils. This field has been of a major research interest for Mr. Holland.

All interested persons are invited.

A.A.U.P. MEETING

A meeting of the Duke Chapter of the AAUP is called for Thursday, December 1st, at 8:00 p.m. in the Union Ballroom. An agenda for discussion will be sent members of the chapter, but all members of the faculty and administration are invited to attend.

SIGMA PI SIGMA MEETING

Dr. Martin Block will speak at the Sigma Pi Sigma meeting on Thursday, December 1st, in the Physics Auditorium at 8:15 p.m. He will talk on the topic "Particle Physics—Past and Future."

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, December 2nd, at 4:30 p.m. in Room 209 Bivins Building, East Campus. Dr. C. D. Spielberger of the Psychology Department will speak on the subject "Motivation and Learning without Awareness." Coffee will be served at 4 o'clock.

NORTH CAROLINA TEACHERS OF RELIGION

The annual meeting of the North Carolina Teachers of Religion will be held on Saturday, December 3rd, in the Divinity School Building. The program is open to any interested persons. The opening morning session will be a devotional meeting at 9:45 followed by the regular program at 10:00 in Room 211 Divinity School. The schedule will be as follows:

Morning topic: "The Contemporary Quest for the Historical Jesus"

10:30-10:55 a.m. Kenneth Taylor
Rudolf Bultmann Greensboro College

10:55-11:20 Hugh Anderson
The Post Bultmannians Duke University

11:20-11:45 Edgar V. McKnight
The Non-Bultmannians Chowan College

Afternoon topic: "The Contemporary Encounter of Protestantism, Catholicism, and Judaism in the U.S.A."

1:30-1:55 p.m. E. M. Rosenzweig
Judaism Hillel Foundation, Chapel Hill

1:55-2:20 John M. Breunig
Roman Catholicism Newman Center, Chapel Hill

2:20-2:45 Samuel S. Hill
Protestantism University of N.C.

CHAPEL CHOIR PRESENTS "THE MESSIAH"

One of the outstanding events, which for over twenty years has been a part of the Duke Christmas tradition, will be the presentation of Handel's "The Messiah" by the Duke University Chapel Choir under the direction of Professor Paul Young on Sunday, December 4th, at 8:00 p.m.

The soloists will include Leslie Holmes, soprano; Marilyn Zschaw, contralto; John Hawks, tenor; and Edgar Vom Lehman, bass-baritone with Mildred L. Hendrix at the organ.

ADVANCE NOTICE ARTISTS' SERIES CONCERT VRONSKY AND BABIN

The second of the All-Star Artists' Series Concerts will be given in Page Auditorium on Tuesday, December 6th, at 8:15 p.m. Vitya Vronsky and Victor Babin will present the following program of music for two pianos:

Sonata in D Major, K. 448 *Mozart*

Allegro con spirito

Andante

Allegro molto

Fantasy in F Minor, Opus 103 *Franz Schubert*
(one piano, four hands)

Tchaikovsky Waltzes *Victor Babin*

Swan Lake

Eugene Onegin

Waltz of the Flowers (Nutcracker)

Hungarian Dances (one piano, four hands) *Johannes Brahms*

Allegro non assai

Poco sostenuto

Allegro

Piper of Polmood *Victor Babin*
(Fantasy on Old Scottish Themes)

Variations on a Theme by Paganini *Witold Lutoslawski*

Tickets priced at \$2.00, \$2.50 and \$3.00 are still available and may be purchased or reserved in Room 202-A Flowers Building, by writing Box KM, Duke Station, or by calling extension 2911.

FRENCH AND SPANISH EXAMINATION

The French and Spanish Examinations for candidates for graduate degrees will be given January 6th, 1961, in Rooms 113-114 Physics Building at 4:00 p.m. Candidates register in the Graduate School Office for these examinations not later than December 16th, 1960.

WEEK OF
Dec. 4-10, 1960

WEEK OF
Dec. 4-10, 1960

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, December 4

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Donald L. Hand,
Student Carillonneur.
11:00 a.m. University Service of Worship. University
Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel.
Sermon: "Advents to Christmas." Broadcast over Radio Station WDNC and WDNC-FM.
8:00 p.m. Duke University Chapel Choir presents
Handel's "The Messiah." Duke Chapel.

Monday, December 5

- 4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Mr. F. Clifford Johnson II.
4:15 p.m. Pre-All Star Artists' Series Seminar. Room 208 Flowers Building. Speaker: Professor Loren Withers.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:00 p.m. Bowling for Faculty and Staff. Bowling Alleys in Ark on East Campus.
8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Dr. Kenneth W. Clark.

- 8:15 p.m. University Religious Council sponsors "The Bishops Company" presenting "The Great Divorce." Woman's College Auditorium.

Tuesday, December 6

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Waldo Beach.
11:30 a.m. Engineering Faculty Meeting. Room 125 Engineering Building.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
4:30-5:30 p.m. S.U. Artists' Hour Alumni Lounge.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:30 p.m. French Table and Spanish Table. East Campus Union Building.
8:15 p.m. All-Star Artists' Series—Duo-pianists: Vronsky and Babin. Page Auditorium.

Wednesday, December 7

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Waldo Beach.
4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Dr. Jerry Olson.
4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 6:00 p.m. Student Union Christmas Buffet. Union Ballroom.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Man in a Cocked Hat" with Peter Sellers and Terry Thomas who "launch a hilarious disrespectful spoof of the British Foreign Office"—Time Magazine. "More fun than anything Britain has sent us since 'The Mouse That Roared'"—World Telegram.
- 8:00 p.m. Joint Duke-UNC Physics Colloquium. Room 114 Physics Building. Speaker: Dr. D. J. Montgomery.
- 8:15 p.m. Duke Players present "The Crucible" by Arthur Miller. Branson Hall.

Thursday, December 8

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Harmon L. Smith.
- 1:00 p.m. YMCA Mid-week Service. University Chapel.
- 4:00 p.m. Undergraduate Faculty Council. 208 Flowers Building.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Phi Beta Kappa Fall Initiation. Union Ballroom.
- 8:00 p.m. Joint Duke-UNC Philosophy Colloquium. 213 Caldwell Hall, UNC. Speaker: Professor Mortimer Kadish.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Fall Concert of Duke Concert Band. Page Auditorium.
- 8:15 p.m. Duke Players present "The Crucible." Branson Hall.

Friday, December 9

- 10:10 a.m. Divinity School Chapel. Holy Communion. York Chapel. Presiding, Mr. Harmon L. Smith.
- 12:30 p.m. Muslim Student Association Meeting. Room 207 Flowers Building.
- 4:00 p.m. Joint Duke-UNC Philosophy Colloquium. 211A West Duke Building. Speaker: Professor Mortimer Kadish.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 4:30 p.m. Psychology Colloquium. Third Floor Conference Room, V.A. Hospital. Speaker: Dr. Charles W. Eriksen.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

8:00-10:00 p.m. Co-Rec Night. Woman's College Gymnasium.

8:15 p.m. Duke Players present "The Crucible." Branson Hall.

Saturday, December 10

- 10:20 a.m. Founders' Day Celebration. Page Auditorium.
- 2:00 p.m. Student Union. West Bridge Tournament. Room 208 Flowers Building.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Man in a Cocked Hat" with Peter Sellers and Terry Thomas who "launch a hilarious disrespectful spoof of the British Foreign Office"—Time Magazine. "More fun than anything Britain has sent us since 'The Mouse That Roared'"—World Telegram.
- 8:15 p.m. Chamber Arts Society: Duo di Roma (piano and cello). Music Room, East Duke Building.
- 8:15 p.m. Duke Players present "The Crucible." Branson Hall.

UNIVERSITY SERVICE OF WORSHIP

The Sunday morning Service of Worship will be at 11:00, December 4th. The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon, entitled "Advents to Christmas." The order of worship is as follows:

- Presiding Minister—The Reverend Howard C. Wilkinson, Chaplain to the University
- Organ Prelude—Credo: We All Believe in One God *Bach*
Noël *D'Aquin*
- Call to Worship—"The Lord Is in His Holy Temple" *Harrington*
- Hymn—"O Come, O Come, Immanuel"
- Prayer of Confession
- Words of Assurance
- The Lord's Prayer
- Anthem—"And He Shall Purify" from
"The Messiah" *Handel*
- Scripture—Romans 8:31-39
- Hymn—"Hail, To the Lord's Anointed" *Gesangbuch der Herzogl*
- Call to Prayer
- The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition and Dedication
- The Offering
- Offertory Organ Interlude
- Anthem—"He Trusted in God That He Would
Deliver Him" from "The Messiah" *Handel*
- Response—The Doxology
- Prayer of Dedication
- Sermon—"Advents to Christmas"
- Prayer
- Benediction
- Choral Response—"Sevenfold Amen" *Stainer*
- The Chimes
- Organ Postlude—Toccata on *Vom Himmel Hoch* *Pachelbel*

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, December 7th, at 4:15 p.m. in Room 123 Science Building, East Campus. Dr. Jerry Olson, Oak Ridge National Laboratory, Oak Ridge, Tennessee (Lecture sponsored by Oak Ridge Institute of Nuclear Studies), will speak on "Movement of Radioactive Isotopes in Ecosystems." Tea and coffee will be served at 4:00 p.m.

JOINT DUKE-UNC PHYSICS COLLOQUIUM

The joint Duke-UNC Physics Colloquium will meet Wednesday, December 7th, at 8:00 p.m. in Room 114 Physics Building, Duke University. The speaker will be Dr. D. J. Montgomery of Michigan State College. The topic will be "Isotopic Mass as a Probe for the Solid State."

DUKE PLAYERS PRESENT THE CRUCIBLE

Duke Players will present Arthur Miller's THE CRUCIBLE Wednesday through Saturday evenings, December 7th, 8th, 9th, and 10th, at 8:15 p.m. in Branson Hall, East Campus. Admission will be one dollar or season ticket. Because Branson Hall seats only 160 persons, we urge all those who can to come on Wednesday and Thursday evenings and thus have the best possible choice of seats. Tickets will be on sale, and reservations may be made, at two locations: Branson Hall (Extension 3181) and Page Auditorium Box Office (Extension 2911) at the following times:

Branson	2:00-5:00 p.m.	Monday and Tuesday
	2:00 p.m. until performance time	
		Wednesday through Saturday
Page Box Office	2:00-5:00 p.m.	Monday through Thursday

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, December 8th, in 208 Flowers Building.

PHI BETA KAPPA FALL INITIATION

The annual fall initiation meeting of Phi Beta Kappa will be held Thursday, December 8th, at 8:00 p.m. in the Union Ballroom, West Campus. The officers and those to be initiated are asked to come at 7:45. The statement in the press that this is to be a dinner meeting is erroneous. The dinner meeting will be held on April 10, 1961.

JOINT DUKE-UNC PHILOSOPHY COLLOQUIUM

Professor Mortimer Kadish of Western Reserve University will be the guest of the Philosophy Departments at Duke and UNC on Thursday and Friday, December 8th and 9th.

His over-all topic for his visit will be "Some Aspects

of the Decision Problem in Criticism of the Arts." On Thursday, December 8th, at 8:00 p.m. he will speak in 213 Caldwell Hall in Chapel Hill on "Poems, Puddings and the Poem Itself." On Friday, December 9th, he will speak on "Gestures, Jokes and Poems" in 211A West Duke Building at 4:00 p.m. All interested members of the University Community are cordially invited.

ARTISTS' SERIES CONCERT VRONSKY AND BABIN

The second of the All-Star Artists' Series Concerts will be given in Page Auditorium on Tuesday, December 6th, at 8:15 p.m. Vitya Vronsky and Victor Babin will present the following program of music for two pianos:

Sonata in D Major, K. 448	Mozart
Allegro con spirito	
Andante	
Allegro molto	
Fantasy in F Minor, Opus 103 (one piano, four hands)	Franz Schubert
Tchaikovsky Waltzes	Victor Babin
Swan Lake	
Eugene Onegin	
Waltz of the Flowers (Nutcracker)	
Hungarian Dances (one piano, four hands)	Johannes Brahms
Allegro non assai	
Poco sostenuto	
Allegro	
Piper of Polmood (Fantasy on Old Scottish Themes)	Victor Babin
Variations on a Theme by Paganini	Witold Lutoslawski

Tickets priced at \$2.00, \$2.50 and \$3.00 are still available and may be purchased or reserved in Room 202-A Flowers Building, by writing Box KM, Duke Station, or by calling extension 2911.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, December 9th, at 4:30 p.m. in the Third Floor Conference Room at the V.A. Hospital. Dr. Charles W. Eriksen of the Department of Psychology, University of Illinois, will speak on the subject "Subliminal Perception, Preconscious Thought and Things that go 'Thump' in the Night."

DURHAM Y.W.C.A. ANNUAL CHRISTMAS SUPPER FOR INTERNATIONAL STUDENTS

The Durham Y.W.C.A., 515 W. Chapel Hill Street, extends a cordial invitation to the International students on campus to attend the Annual Christmas Supper at 5 p.m. on Sunday, December 11. A limited number of guest tickets are available and may be reserved by calling the number 9-2041 in Durham.

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 a.m. at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:15 p.m., Training Union at above churches. Wednesday: 6:30 p.m., Program: "Spotlight on World Needs."

Episcopal Student Fellowship. Holy Communion will be celebrated at the Episcopal Student Center at 9:30 a.m. by the Reverend J. W. O'Brien. Breakfast will follow. Evening Prayer will be read at 6:30 followed by a Coffee Hour.

Lutheran Student Association. Sunday: 9:45 a.m., Sunday School at local churches. 6:30, L. S. A., Rides from East at 6:15 p.m. Wednesday, Holy Communion in Memorial Chapel of Duke Chapel—7:15 and 8:00 in the morning; rides from East at 7:00 a.m.

Methodist Student Fellowship. Sunday, 9:30 a.m., Methodist Student Center, 6:30, Worship Service at the Center. There will be no Forum following the service this week, in deference to the performance of *The Messiah*.

Unitarian Fellowship. Sunday, 7:30 p.m., Room X204 Union Building, Sermon by Dr. Raymond Adams; Music by Frederick Blackwell and Donald McLaughlin. Refreshments after the service.

Westminster Fellowship. Sunday, 9:30 a.m., Presbyterian Bible Class, 2127 Myrtle Drive, 6:15 p.m., The Ark. Speaker: Dr. Stephen Downing, "The Unitarians." Wednesday, Westminster Supper Club, 6:00 p.m., East Campus Union. Thursday, 7:15 in the morning. Holy Communion, East Duke Chapel, Communion Breakfast afterwards in East Campus Union.

CHAPEL CHOIR PRESENTS "THE MESSIAH"

One of the outstanding events, which for over twenty years has been a part of the Duke Christmas tradition, will be the presentation of Handel's "The Messiah" by the Duke University Chapel Choir under the direction of Professor Paul Young on Sunday, December 4th, at 8:00 p.m.

The soloists will include Leslie Holmes, soprano; Marilyn Zschau, contralto; John Hanks, tenor; and Edgar von Lehn, bass-baritone with Mildred L. Hendrix at the organ.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, December 5th, Room 113 Biology Building at 4:15 p.m. Mr. F. Clifford Johnson II, Department of Zoology, will speak on "Cryptic Speciation in the Tree Frog." Coffee and tea will be served in Room 113 at 4:00 preceding the seminar.

PRE-ARTISTS' SERIES SEMINAR

The Student Union's Music and Arts Committee will hold the second of the Pre-All Star Artists' Series Seminars on Monday, December 5th, in Room

208 Flowers Building at 4:15 p.m. In preparation for the Vronsky-Babin Concert Mr. Loren Withers, of the Music Department, will discuss the piano ensemble medium with attention being given to its historical background, the problems involved in playing in ensemble and a general analysis of the works to be performed at the concert.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, December 5th, in the Green Room, East Duke Building. The speaker will be Dr. Kenneth W. Clark of the Divinity School, who will read a paper entitled "Observations on the Erasmian Notes in Codex 2 of the Greek New Testament." A cordial welcome is extended to all members and their guests.

BISHOP'S COMPANY PRESENT "THE GREAT DIVORCE"

"The Great Divorce," a play based upon a book by C. S. Lewis, will be presented on Monday evening, December 5th, at 8:15 p.m. in the Woman's College Auditorium by "The Bishop's Company" of Santa Barbara, California. This is a presentation of the Special Observances Committee of the Duke University Religious Council. The drama group which is presenting this play is one of the most famous in American Protestantism. The public is cordially invited to attend and there will be no admission charge.

ENGINEERING FACULTY MEETING

The Engineering Faculty will meet in Room 125 Engineering Building on December 6th, Tuesday, at 11:30 a.m. The program, led by Professor J. N. Macduff, will be centered on the topic "Research Projects of the Duke Department of Mechanical Engineering."

N.C. ARTISTS EXHIBIT

The Music and Arts Committee of the Student Union will present three North Carolina Artists in an exhibit to be shown in the Alumni Lounge from December 5th through 15th. The three exhibitors will include Robert Broderson, Assistant Professor of Aesthetics, Art, and Music; Maud Gatewood of Yanceyville, N.C., and currently on the faculty at Texas Christian University; and Anne Mercer Kesler of Winston-Salem, N.C.

All three artists have won the N.C. Art Competition in recent years and have been widely exhibited. The public is cordially invited to view this exhibit without charge.

On Tuesday, December 6th, from 4:30 to 5:30 p.m. there will be an informal reception in the Alumni Lounge during which time the exhibits may be viewed with some of the artists present. All interested persons are welcome.

FALL CONCERT DUKE CONCERT BAND

The fall concert of the Duke University Concert Band will be presented on Thursday, December 8th, at 8:15 p.m. in Page Auditorium. A cordial invitation is extended to all and there is no admission charge. The Concert Band is under the direction of Dr. Paul Bryan of the Music Department. Soloist for the evening will be Mr. James Henry, clarinet, who has degrees from Western Kentucky State College and the University of Indiana, and is now serving in the capacities of Director of the Duke Marching Band, Assistant Conductor of the Concert Band, and Instructor of Woodwinds.

The program is as follows:

The People's Choice	Douglas Moore
Concerto No. 2 for Clarinet	Carl Maria von Weber
Allegro	
Romanza (Andante con moto)	
Polacca	
James Henry, Clarinet	
"When Jesus Wept," Prelude for Band	William Schumann
"Ruy Blas," Concert Overture, Op. 95	Felix Mendelssohn
INTERMISSION	
Overture to "Candide"	Leonard Bernstein
Fantasia in F minor, K. 608	Wolfgang A. Mozart
Introduction and Scherzo	Maurice Weed
Symphony No. 3 "Ilya Murometz," Op. 42	Reinhold Gliere
First Movement (1909-1911)	

CO-REC NIGHT

Women's Recreational Association is sponsoring Co-Rec night on Friday, December 9th, from 8:00 to 10:00 p.m. at the gymnasium on East Campus. The main emphasis will be on volleyball, but other sports will be provided for, including swimming, bridge, and dancing. Everyone is invited.

FOUNDERS' DAY EXERCISES

The annual Founders' Day Exercises will be held on Saturday, December 10th, at 10:20 a.m. in Page Auditorium with Mr. B. S. Womble, '04 of Winston-Salem, N.C., and chairman of the Duke University Board of Trustees presiding. The speaker for the event will be President Deryl Hart, and special music will be provided by an ensemble from the Concert Band, Dr. Paul Bryan conducting. Gift presentations by the senior classes of Trinity College, Woman's College, and Colleges of Engineering and Nursing will be made. The public and members of the University Community are cordially invited to attend.

NATO AND FULBRIGHT FELLOWSHIPS

Faculty members interested in NATO Postdoctoral Fellowships in Science or NATO Advanced Research Fellowships, for 1961-62, may apply at Room 220 Allen Building for application blanks and information.

Information regarding Fulbright Fellowships for 1961-62 will be available in a short while.

CHAMBER ARTS SOCIETY DUO DI ROMA

The Chamber Arts Society announces the third concert of its season, to be played by the **Duo Di Roma** on Saturday, December 10th, in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Ornella Santoliquido (Piano) and Massimo Amfiteatrof (Cello). The program follows:

Sonata in G minor, Opus 5, No. 2	Beethoven
Sonata in E minor, Opus 38	Brahms
Sonata in A minor, Opus 36	Grieg

Other chamber music concerts schedules this season include:

January 21 (Saturday)	Vienna Octet
February 18 (Saturday)	Quartetto Italiano
March 18 (Saturday)	University of North Carolina String Quartet

Membership and Admission:

Membership Card admitting to this concert and the subsequent concerts will cost \$8.00 (about 30 memberships are at present available, and cards will be issued in order of application).

Guest Card for single admission to any one concert will cost \$2.50. (About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m. of the evening of the concert).

For membership enrollment send check and address to Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N.C. The Chamber Arts Society is a non-profit organization; membership is open to all persons.

FRENCH AND SPANISH EXAMINATION

The French and Spanish Examinations for candidates for graduate degrees will be given January 6th, 1961, in Rooms 113-114 Physics Building at 4:00 p.m. Candidates register in the Graduate School Office for these examinations not later than December 16th, 1960.

ADVANCE NOTICE CIVIC CHORAL SOCIETY CONCERT

The Durham Civil Choral Society will present the first of two concerts on Monday evening, December 12th, at 8:15 in the Woman's College Auditorium, East Campus. Admission is free, and the public is cordially invited.

The program will include works by Handel, Mozart, and J. C. Bach, and among the soloists will be Leslie Holmes, soprano; Ann Nagy and Demaris Hipps, contraltos; Michael Best, tenor; and Waldo Beach and David Rogers, basses. The group will be accompanied by a chamber orchestra.

**UNIVERSITY
OFFICIAL EXAMINATION SCHEDULE**

Fall Semester, 1960-61

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN DECEMBER 17 TO REQUEST A CHANGE IN SCHEDULE.

Saturday			
January 14	2:00 p.m.	PHYSICAL EDUCATION	
Monday	Undergraduate		
January 16	Reading Period		
Tuesday	9:00-12:00 a.m.	MWF, FIRST PERIOD	
January 17	2:00- 5:00 p.m.	Political Science 11, 61 & Engineering 1.2, 1.3, 1.4	
	7:00-10:00 p.m.	Engineering 1.1 & 1.6	
Wednesday	9:00-12:00 a.m.	MWF, SECOND PERIOD	
January 18	2:00- 5:00 p.m.	English 1	
	7:00-10:00 p.m.	Economics 57	
Thursday	9:00-12:00 a.m.	MWF, THIRD PERIOD	
January 19	2:00- 5:00 p.m.	History 1, E1, 1X	
	7:00-10:00 p.m.	Mathematics 52	
Friday	9:00-12:00 a.m.	MWF, FOURTH PERIOD	
January 20	2:00- 5:00 p.m.	Mathematics 21	
	7:00-10:00 p.m.	Air Science	
Saturday	9:00-12:00 a.m.	MWF, SIXTH PERIOD	
January 21	2:00- 5:00 p.m.	All Languages 1, 2 & Engineering 1.5, 1.7, 1.8	

Monday	9:00-12:00 a.m.	TTS, SIXTH PERIOD
January 23	2:00- 5:00 p.m.	Chemistry 1
	7:00-10:00 p.m.	Mathematics 11
Tuesday	9:00-12:00 a.m.	TTS, FIRST PERIOD
January 24	2:00- 5:00 p.m.	MWF, FIFTH PERIOD & Naval Science
Wednesday	9:00-12:00 a.m.	TTS, SECOND PERIOD
January 25	2:00- 5:00 p.m.	French & Spanish 63
	7:00-10:00 p.m.	Philosophy 48, 49
Thursday	9:00-12:00 a.m.	TTS, THIRD PERIOD
January 26	2:00- 5:00 p.m.	Physics 1, 41
	7:00-10:00 p.m.	Botany 1
Friday	9:00-12:00 a.m.	TTS, FOURTH PERIOD
January 27	2:00- 5:00 p.m.	Economics 51
	7:00-10:00 p.m.	Religion 1

ENGINEERING COURSES, OTHER THAN ENGINEERING 1, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 1) and Zoology Classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING January 17, 9:00 a.m., AND ENDING January 27, 10:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., January 17, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF

Dec. 11-17, 1960

WEEK OF

Dec. 11-17, 1960

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, December 11

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Donald L. Hand,
Student Carillonneur.
11:00 a.m. University Service of Worship. University
Chapel. Preacher: The Reverend Dr.
Ralph W. Sockman, Minister, Christ Church,
Methodist, New York City. Sermon: "The
Wonder That Grows." Broadcast over Radio
Station WDNC and WDNC-FM.
8:00 p.m. "Christmas in Words and Music." Uni-
versity Chapel.

Monday, December 12

- 4:15 p.m. Zoology Departmental Seminar. Room
113 Biology Building. Speaker: Dr. Edgar
Zwilling.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.
7:00 p.m. Bowling for Faculty and Staff. Bowling
Alleys in Ark on East Campus.
7:45 p.m. AIEE Meeting. Engineering Auditorium.
Speaker: Dr. Harvey Estes.
8:15 p.m. Durham Civic Choral Society Concert.
Woman's College Auditorium.
8:15 p.m. Varsity Basketball: Duke vs. U. S. C. In-
door Stadium.

Tuesday, December 13

- 10:10 a.m. Divinity School Chapel. York Chapel.
Speaker: Mr. Hal Lininger.
4:00 p.m. Physics Seminar. Room 114 Physics
Building. Speaker: Dr. E. Greuling.
4:00 p.m. Mathematics Seminar. Room 135 Physics
Building. Speaker: Professor F. J. Murray.
4:00 p.m. Trinity College Historical Society Lec-
ture. Room 117 Social Science Building.
Speaker: Prince Hubertus zu Loewenstein.
4:15-6:00 p.m. Duke Concert Band Rehearsal.
Room 208 Asbury Building.
5:00 p.m. Gerontology Seminar. Room 208 Flowers
Building. Speaker: Virginia Stone, Ph.D.
5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.
5:30 p.m. French Table and Spanish Table. East
Campus Union Building.
6:30 p.m. Kappa Delta Pi Initiation. President's
Room of the Woman's College Auditorium.
Speaker: Dr. W. H. Cartwright.
8:00 p.m. Lecture by British Novelist. Music Room,
East Duke Building. Speaker: Mr. Angus Wil-
son.
8:15 p.m. Modern Dance Club Christmas Concert.
Branson Hall.

IMPORTANT—Notices for the Duke University Calendar should be submitted
IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later
than 1:00 p.m., Thursday. Telephone 2911.

DENOMINATIONAL MEETINGS

Baptist Student Union. Sunday: Sunday School at 9:30 a.m. at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m. Training Union at above churches. Friday, December 16, 6:30 p.m., Caroling Party. Meet at Old Ordnance Building.

Episcopal Student Fellowship. Holy Communion will be celebrated at 9:30 Sunday morning at the Episcopal Student Center by the Rev. J. W. O'Brien. Sunday evening at 6:00 the annual Christmas Blast will be held with students and faculty. Rides will leave East Campus shortly before 6:00.

Lutheran Student Association. Sunday: 9:45 a.m., Sunday School at local churches. 6:30 p.m., L. S. A., 208 Flowers Building. "Ecumenical Action Now"—discussion of ideas stirred by Pope-Archbishop of Canterbury meeting and merger proposed by Eugene Carson Blake of Presbyterian, Methodist, Episcopal and United Church of Christ. Rides from Hanes at 6:10 p.m. and from East Circle at 6:15 p.m. Wednesday, 7:15 and 8:00 in the morning, Holy Communion in Memorial Chapel of Duke Chapel. Rides from Hanes at 6:55 a.m. and from East Circle at 7:00 a.m.

Methodist Student Fellowship. Sunday, 6:30, Worship Service at the Center. 7:15 p.m., Forum—"The American University: Present and Future," Professor Paul Gross, Speaker. Wednesday, 6:00, Special Advent Celebration of the Holy Communion.

Westminster Fellowship. Sunday, 9:30 a.m., Presbyterian Bible Class, 2127 Myrtle Drive. 6:15 p.m., Meet at the Ark to go caroling. Coffee and cider at Chaplain's house later.

GERONTOLOGY SEMINAR

The Duke University Council on Gerontology will hold an open seminar in 208 Flowers Building on Tuesday, December 13th, at 5:00 p.m. "Personal Adjustment in Aging in Relation to Community Environment" will be the topic of a lecture by Virginia Stone, Ph.D., Assistant Professor, Division of Health Education School of Public Health, University of North Carolina. All interested persons are invited to attend.

PHYSICS SEMINAR

Dr. E. Greuling will deliver the seventh Departmental Seminar of this semester on Tuesday, December 13th, at 4:00 p.m. in Room 114 Physics Building. The topic of his talk will be "Gellman's Weak Magnetism."

MATHEMATICS SEMINAR

There will be a Mathematics Seminar on Tuesday, December 13th, at 4:00 p.m. in Room 135 Physics Building. The lecture, presented by Professor F. J. Murray, will be on the topic, "Perturbation Theory." Coffee will be served preceding the seminar at 3:30 p.m. in Room 132.

TRINITY COLLEGE HISTORICAL SOCIETY LECTURE

Prince Hubertus zu Loewenstein, under the auspices of the German Embassy and the Trinity College Historical Society, will deliver an address entitled "German Resistance to the Nazis" at 4:00 p.m. on Tuesday, December 13th, in Room 117 Social Science Building. The public is cordially invited to attend.

"CHRISTMAS IN WORDS AND MUSIC"

Sunday, December 11th, in the University Chapel, "Christmas in Words and Music" will be presented, beginning at 8:00 p.m. A choir, composed of the Men's Chorus and the Women's Chorus of Duke University, will present special music which tells the Christmas Story. Vocal solos by Miss Marilyn Zschau and Mr. John Hanks, harp music by Mrs. Emily Kellum of Raleigh, French horns played by Miss Sandra Weaver and Mr. Neal Huffaker, and organ music by Mrs. Mildred Hendrix also will contribute to the telling of the Story. The Scripture narrative will be read by Dean Barney L. Jones. Dean James T. Cleland will be the Presiding Minister. The service will feature a candle light choral processional, and the singing of Christmas carols by the congregation.

CIVIL CHORAL SOCIETY CONCERT

The annual Christmas concert of the Durham Civic Choral Society will be presented in the Woman's College Auditorium on Monday, December 12th, at 8:15 p.m. The Society will be accompanied by an instrumental ensemble and featured soloists will include Leslie Holmes, soprano; Ann Nagy and Demaris Hippis, contraltos; Michael Best, tenor; and Waldo Beach and David Rogers, basses. The program is as follows:

The Childhood of Christ (Die Kindheit Jesu)

Johann Christoph Bach

Graduale ("Sancta Maria") K. 273

W. A. Mozart

Motet ("Ave Verum Corpus") K. 618

Te Deum K. 141

Foundling Hospital Anthem

G. F. Handel

("Blessed Are They That Consider the Poor")

AIEE MEETING

The technical group on research of the Eastern North Carolina Subsection, American Institute of Electrical Engineers, will meet on Monday, December 12th, at 7:45 p.m. in the Engineering Auditorium. The program will be a lecture on "Cardiography" by Dr. Harvey Estes, Veteran's Hospital, Durham. Dr. Estes will outline the principles of Electro-Cardiography as a prelude to a discussion of his research in this field which requires a knowledge of physiology and fundamental electrical phenomena.

This will be the first meeting of the recently formed Technical Group on Research which is sponsored by the American Institute of Electrical Engineers. The object of this group is to promote the discussion of research problems, which require a knowledge of electrical phenomena, by a group composed of people drawn from many different disciplines in the hope that from the diversity of viewpoints represented within the group there will be some new thoughts on the particular problem being discussed.

All interested persons are invited to this meeting.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, December 12th, in Room 113 Biology Building, at 4:15 p.m. Dr. Edgar Zwilling, Professor of Biology, Brandeis University, will speak on, "Experimental Analysis of Limb Development." Coffee and tea will be served in Room 113 at 4:00 p.m. preceding the seminar.

KAPPA DELTA PI INITIATION

Alpha Tau Chapter of Kappa Delta Pi will hold its Fall Initiation in the President's Room of the Woman's College Auditorium on Tuesday, December 13th, at 6:30 p.m. Dr. W. H. Cartwright, chairman of the Department of Education, will speak on "Teachers and the Fundamental Purpose of Schools."

LECTURE BY BRITISH NOVELIST

Mr. Angus Wilson, the British novelist and short-story writer, will give a talk entitled "On Becoming a Novelist in Middle Age" Tuesday evening, December 13th, at 8:00 p.m. in the Music Room in East Duke Building. The lecture, which is sponsored by the Department of English and the Graduate English Club, is open to the public without charge.

MODERN DANCE CLUB CHRISTMAS CONCERT

The Modern Dance Club will present their annual Christmas Concert, "A Yule Fest," on Tuesday and Wednesday evenings, December 13th and 14th, at 8:15 p.m. in Branson Hall. The program in three parts will be:

- I. WATCHING—"Watch therefore: for ye know not what hour your Lord doth come," Matt. 24: 42
A series of dances, readings, and music will express the expectancy of the Christmas Season.
- II. GIVING—"Christmas is coming
The geese are getting fat"

This section, the liveliest in the program, will portray the gay and secular gift-giving at Christmas.

- III. WORSHIPPING—"Glory to God that reigns above that pitied us forlorn. . . ."

Concluding the program will be a narrative dance interpreting the legend of the Noel Star, and a liturgical dance, The Love Feast, accompanied by a reading from Moravian liturgy.

Mrs. Julia Wray is the faculty sponsor of the Modern Dance Club whose members—Julie Sutherland, President, Jo Ann White, Gay Blair, Marilyn Lewis, Barbara Figge, and Mrs. Wray choreographed the entire program. Others lending their talents will be Mike Best, tenor; Mrs. Martha S. Gruer and Mary Cartwright, accompanists: Earl McCarroll, Lola Powers, and Larry Warner, of the Duke Players, reading. The public is invited and coffee will be served following the program.

DIVINITY SCHOOL ASSEMBLY

Bishop J. Waskom Pickett, retired after 46 years of service in India, will speak at the Divinity School

Assembly in York Chapel on Wednesday, December 14th, at 11:00 a.m. His topic will be "New Understandings of the Missionary Task." Bishop Pickett through his long period of work has become intimately acquainted with political leaders in India and other parts of Asia and has been honored by the Indian President and Government. In recent years Bishop Pickett has taught at Boston University School of Theology and served as consultant on evangelism for the Methodist Board of Missions in various countries of Asia and Africa.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. David B. S. Millar, III for the Ph.D. degree in Biochemistry will be held on Wednesday, December 14th, at 2:00 p.m. in Room 262 Bell Building. The subject of Mr. Millar's dissertation is "Isolation and Physical Characterization of Homogeneous Lactic Dehydrogenase." The committee to conduct the examination will consist of Professors Philip Handler, Henry Kamin, Charles Tanford, Douglas Hill, and Pelham Wilder. Professor Handler will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Charles Jackson Ping for the Ph.D. degree in Religion will be held on Wednesday, December 14th, at 3:00 p.m. in Room 307 Divinity. The subject of Mr. Ping's dissertation is "The Genius of the Christian Religion: A Study in the Religious Thought of Georg Wilhelm Friedrich Hegel." The committee to conduct the examination will consist of Professors Robert E. Cushman, Waldo Beach, William H. Poteat, Frederick L. Herzog, and Charles Bayliss. Professor Cushman will preside.

JOINT DUKE-UNC PHILOSOPHY COLLOQUIUM

Professor Marcus Singer of the University of Wisconsin will be the guest of the Philosophy Department at Duke and Chapel Hill on Wednesday and Thursday, December 14th and 15th.

On Wednesday, December 14th, Professor Singer will speak at 4:00 p.m. in 211A West Duke on "Some Problems in Ethics." On Thursday, he will speak in 213 Caldwell Hall in Chapel Hill at 8:00 p.m. on "Further Problems in Ethics." All interested members of the University Community are invited.

DELTA PHI ALPHA GERMAN MOVIE

Delta Phi Alpha German Honorary is sponsoring a German movie, *Ehe im Schatten*, with Ilsa Steppart, and Paul Klinger, Thursday evening, December 15th, at 7:30 p.m. in 116 Chemistry Building. Admission is fifty cents.

DUKE LAW DAMES CHRISTMAS PARTY

The Duke Law Dames will hold their Christmas Party on Wednesday, December 14th, in the lounge of the Law School at 8:00 p.m. The speaker will be Dr. Hugh Anderson, Associate Professor of Biblical Theology, Duke Divinity School.

UNIVERSITY CHRISTMAS VESPER SERVICE

The University Christmas Vesper Service, sponsored jointly by the YWCA and YMCA, will be held on Thursday, December 15th, at 7:00 p.m. in the Chapel. The Duke Madrigal Group, under the direction of Mrs. Gene Saville, will present a selection of Christmas music. The public is cordially invited to attend. The order of worship is as follows: Presiding: Helen Ann Cheek, YWCA, and Thad Dankel, YMCA.

Organ Prelude

Partita sopra: Jesu meine Freude

Walther

Call to Worship

Hymn—Joy to the World (Antioch)

Handel

Scripture

Prayer

Carols (Duke Madrigal Group)

O Magnum Mysterium

Tomas Luis da Vittoria

Qnittez, Pasteurs

Hark, Now, O Shepherds

Moravian melody (arr. Luraas)

Hymn—What Child Is This

Traditional

Carols

O Schonestes Kinderlein

Johann Hermann Schein

Berceuse de l'Enfant Jesus

Piedmontese Carol

Bethlehem Down

Peter Warlock

Reading

Carols

Fum, Fum, Fum

Catalan Carol

Kolyada

Russian Carol

Canzone d'i Zampognari

Neapolitan Carol

Singt und klingt

Michael Praetorius

Wie schon leuchtet der Morgenstern

Praetorius

Benediction

Choral response: Agnus Dei, from Mass in A

A. Lotti

Postlude

How Brightly Shines the Morning Star

Buxtehude

JOINT DUKE-UNC PHYSICS COLLOQUIUM

The joint Duke-UN Physics Colloquium will meet Thursday, December 15th, in Phillips Hall, University of North Carolina, at 8:00 p.m. The speaker will be Dr. Peter Padley, who will speak on "Ionization Processes and Free Radical Reactions in Flames."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John W. Merck for the Ph.D. degree in Sociology will be held on Friday, December 16th, at 2:00 p.m. in Room 216 Social Science Building. The subject of Mr. Merck's dissertation is "A Mathematical Model of the Personnel Structure of Large-Scale Organizations Based on Markov

Chains." The committee to conduct the examination will consist of Professors Alan C. Kerekhoff, Kurt W. Back, Donald F. Roy, Joseph J. Spengler, and Thomas M. Gallie. Professor Kerckhoff will preside.

NOTICES FOR THE UNIVERSITY WEEKLY CALENDAR

Information to be published in the University Calendar for the week of January 3rd through 7th must be in Room 202-A Flowers Building by 1:00 p.m., Thursday, December 15th.

The Christmas recess will begin at 12:30 p.m. on Saturday, December 17th, with classes resuming at 8:00 a.m. on Tuesday, January 3rd.

FACULTY CLUB CHRISTMAS PARTY

The Faculty Club Christmas Party will be held in Cafeterias B and C on Friday night, December 16th, beginning at 6:30 p.m. The place of assembly will be the Lounge of Flowers Building, where members of the faculty and their guests may check their wraps. Following the meal, members of the party will go to the Union Ballroom for the reading of a play directed by Professor Kenneth Reardon and entitled "The Christmas Story," from *A Man Born to the King* by Dorothy Sayers. There will also be the reading of "Maine Christmas." Special music will be offered by Mr. John Hanks and Mrs. Alice Wilkinson. Members of the Faculty Club who have paid their \$3.50 dues are entitled to one ticket without further charge. They are also entitled to one guest ticket, for which the charge is \$3.00. All tickets, both for members and their guests, must be secured from the treasurer of the club, Mr. S. C. Harward, Room 308 Allen Building, prior to 5:00 p.m., Tuesday, December 13th. No reservations will be accepted after this date.

VACATION HOSPITALITY FOR FOREIGN STUDENTS

A number of foreign students will be on campus during the Christmas holidays and have indicated their desire to share in the holiday with a Durham family. Any faculty member who would like to entertain one or two students in his home sometime during this period is urged to call the Religious Life Office on East Campus, extension 2909. This project is sponsored by the Interfaith and Fellowship Committee of the University Religious Council.

1961 ENGAGEMENT CALENDARS

1961 Duke University Engagement Calendars, edited by the Social Standards Committee of the Woman's College and priced at \$1.50 each, are now on sale. This year's calendars have many new pictures of Duke and provide ample space for recording day-by-day reminders. Ideal for Christmas gifts, the calendars may be purchased from any Social Standards Representative, and at the Alumni Office, Room 107 Union Building.

NATO AND FULLBRIGHT FELLOWSHIPS

Faculty members interested in NATO Postdoctoral Fellowships in Science of NATO Advanced Research Fellowship, for 1961-62, may apply in Room 220 Allen Building for application blanks and information.

Information regarding Fullbright Fellowships for 1961-62 will be available in a short while.

FRENCH AND SPANISH EXAMINATION

The French and Spanish Examinations for candidates for graduate degrees will be given January 6th, 1961, in Rooms 113-114 Physics Building, at 4:00 p.m. Candidates register in the Graduate School Office for these examinations not later than December 16th, 1960.

CHAPEL SCHEDULE FOR HOLIDAYS

The next three Sundays fall within the Christmas academic recess. Due to this fact, the regular University Service of Worship will not be conducted on December 18 and 25, nor on January 1. Instead, a thirty minute devotional service of organ music, Scripture readings and prayers will be held on each of those three Sundays. The public is cordially invited to attend.

QUADRANGLE PICTURES

Quadrangle Pictures will not be open on Saturday, December 17th, and will remain closed during the Holidays. On Wednesday, January 4th, 1961, the schedule will be resumed.

UNIVERSITY SPRING ACTIVITIES CALENDAR NOTICE

Announcements for the printed UNIVERSITY SPRING ACTIVITIES CALENDAR, compiled, published, and distributed by the Student Union's House Committee at the beginning of each semester, must be in 202-A Flowers by Friday, December 16th, in order to be in the printer's hands for a February first release. Faculty and staff members scheduling events for the Spring Semester are urged to get their announcements in at once.

UNIVERSITY OFFICIAL EXAMINATION SCHEDULE

Fall Semester, 1960-61

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN DECEMBER 17 TO REQUEST A CHANGE IN SCHEDULE.

Saturday			
January 14	2:00 p.m.	PHYSICAL EDUCATION	
Monday	Undergraduate		
January 16	Reading Period		
Tuesday	9:00-12:00 a.m.	MWF, FIRST PERIOD	
January 17	2:00- 5:00 p.m.	Political Science 11, 61 &	
	7:00-10:00 p.m.	Engineering 1.2, 1.3, 1.4	
Wednesday	9:00-12:00 a.m.	Engineering 1.1 & 1.6	
January 18	2:00- 5:00 p.m.	MWF, SECOND PERIOD	
	7:00-10:00 p.m.	English 1	
Thursday	9:00-12:00 a.m.	Economics 57	
January 19	2:00- 5:00 p.m.	MWF, THIRD PERIOD	
	7:00-10:00 p.m.	History 1, E1, 1X	
Friday	9:00-12:00 a.m.	Mathematics 52	
January 20	2:00- 5:00 p.m.	MWF, FOURTH PERIOD	
	7:00-10:00 p.m.	Mathematics 21	
Saturday	9:00-12:00 a.m.	Air Science	
January 21	2:00- 5:00 p.m.	MWF, SIXTH PERIOD	
Monday	9:00-12:00 a.m.	All Languages 1, 2 &	
January 23	2:00- 5:00 p.m.	Engineering 1.5, 1.7, 1.8	
	7:00-10:00 p.m.	TTS, SIXTH PERIOD	
Tuesday	9:00-12:00 a.m.	Chemistry 1	
January 24	2:00- 5:00 p.m.	Mathematics 11	
Wednesday	9:00-12:00 a.m.	TTS, FIRST PERIOD	
January 25	2:00- 5:00 p.m.	MWF, FIFTH PERIOD &	
	7:00-10:00 p.m.	Naval Science	
Thursday	9:00-12:00 a.m.	TTS, SECOND PERIOD	
January 26	2:00- 5:00 p.m.	French & Spanish 63	
	7:00-10:00 p.m.	Philosophy 48, 49	
Friday	9:00-12:00 a.m.	TTS, THIRD PERIOD	
January 27	2:00- 5:00 p.m.	Physics 1, 41	
	7:00-10:00 p.m.	Botany 1	
TTS, FOURTH PERIOD			
Economics 51			
Religion 1			

ENGINEERING COURSES, OTHER THAN ENGINEERING 1, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 1) and Zoology Classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING January 17, 9:00 a.m., AND ENDING January 27, 10:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., January 17, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

ARLINGTON,
VIRGINIA

